

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061820\
 Data File : BG045797.D
 Acq On : 18 Jun 2020 17:39
 Operator : CG/JU
 Sample : L3029-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOUTH-17.5

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.531	400	416	428	rBV	878463	1625839	34.48%	1.117%
2	7.152	685	692	703	rBV	985012	1834122	38.89%	1.260%
3	7.546	754	759	768	rBV2	644505	1396155	29.61%	0.959%
4	7.904	814	820	827	rVV2	369274	724987	15.37%	0.498%
5	8.245	864	878	885	rBV2	841957	1930806	40.94%	1.327%
6	8.468	910	916	921	rVV2	355015	751572	15.94%	0.516%
7	8.562	928	932	947	rVB3	467899	1274612	27.03%	0.876%
8	8.691	948	954	958	rBV	316314	571052	12.11%	0.392%
9	8.932	990	995	1002	rVB	225139	441498	9.36%	0.303%
10	9.032	1002	1012	1016	rBV2	542653	1191765	25.27%	0.819%
11	9.085	1016	1021	1029	rVV2	633316	1463280	31.03%	1.006%
12	9.161	1029	1034	1039	rVB	1113934	1714960	36.37%	1.179%
13	9.285	1043	1055	1061	rBV8	398836	1150414	24.39%	0.791%
14	9.367	1061	1069	1071	rBV3	203362	428381	9.08%	0.294%
15	9.567	1097	1103	1107	rBV2	204855	434435	9.21%	0.299%
16	9.620	1107	1112	1114	rBV	255810	403344	8.55%	0.277%
17	9.813	1137	1145	1148	rBV3	256064	511802	10.85%	0.352%
18	9.860	1148	1153	1157	rVV3	324464	548825	11.64%	0.377%
19	9.913	1157	1162	1169	rVV4	326216	801468	17.00%	0.551%
20	9.984	1169	1174	1176	rBV2	277945	478580	10.15%	0.329%
21	10.007	1176	1178	1184	rVB2	444254	620610	13.16%	0.426%
22	10.078	1184	1190	1194	rBV2	586016	1017663	21.58%	0.699%
23	10.131	1194	1199	1201	rBV2	382078	593348	12.58%	0.408%
24	10.266	1217	1222	1226	rBV2	349832	645912	13.70%	0.444%
25	10.313	1227	1230	1234	rVV3	277027	491927	10.43%	0.338%
26	10.360	1234	1238	1244	rVB2	435954	755275	16.02%	0.519%
27	10.430	1245	1250	1255	rBV	295627	500084	10.60%	0.344%
28	10.513	1259	1264	1270	rVB3	222331	405979	8.61%	0.279%
29	10.636	1281	1285	1290	rVV5	345016	789514	16.74%	0.543%
30	10.712	1290	1298	1305	rVV2	2077044	4413016	93.58%	3.033%
31	10.777	1305	1309	1317	rVV5	410074	1304285	27.66%	0.896%
32	10.847	1317	1321	1326	rVV3	479803	1049022	22.24%	0.721%
33	10.900	1326	1330	1335	rVV	817994	1296952	27.50%	0.891%
34	10.953	1335	1339	1348	rVV7	337842	784538	16.64%	0.539%

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35	11.147	1363	1372	1376	rBV6	267110	695995	14.76%	0.478%
36	11.200	1376	1381	1390	rVB2	467428	1156166	24.52%	0.795%
37	11.311	1394	1400	1404	rBV3	292101	531882	11.28%	0.366%
38	11.394	1410	1414	1417	rBV2	319189	573105	12.15%	0.394%
39	11.435	1418	1421	1429	rVV5	603602	1392862	29.54%	0.957%
40	11.505	1429	1433	1439	rVB3	391832	716592	15.20%	0.492%
41	11.576	1439	1445	1451	rBV3	743310	1295858	27.48%	0.891%
42	11.652	1451	1458	1465	rBV3	824413	1710876	36.28%	1.176%
43	11.764	1472	1477	1486	rVV3	1082802	2372022	50.30%	1.630%
44	11.846	1487	1491	1496	rVB2	347891	639872	13.57%	0.440%
45	11.922	1498	1504	1512	rVV2	1215411	2314065	49.07%	1.590%
46	12.163	1535	1545	1551	rBV4	1929790	3749736	79.51%	2.577%
47	12.281	1561	1565	1571	rVB2	557768	1066899	22.62%	0.733%
48	12.386	1576	1583	1592	rVB5	937810	2319645	49.19%	1.594%
49	12.610	1615	1621	1623	rBV4	542021	990904	21.01%	0.681%
50	12.651	1623	1628	1632	rVV2	1223397	2211661	46.90%	1.520%
51	12.792	1645	1652	1656	rBV6	550750	992915	21.06%	0.682%
52	12.839	1656	1660	1666	rVV4	492788	1051252	22.29%	0.722%
53	12.903	1667	1671	1674	rVV3	629566	971343	20.60%	0.667%
54	12.962	1678	1681	1688	rVB3	368924	783328	16.61%	0.538%
55	13.062	1693	1698	1703	rBV4	638175	1305321	27.68%	0.897%
56	13.121	1703	1708	1712	rVV3	1613465	2520206	53.44%	1.732%
57	13.191	1715	1720	1731	rVV	1629761	3058998	64.87%	2.102%
58	13.279	1731	1735	1740	rVB5	311716	534300	11.33%	0.367%
59	13.409	1751	1757	1764	rVB	2434167	3987280	84.55%	2.740%
60	13.520	1769	1776	1780	rVB2	873506	1807880	38.34%	1.242%
61	13.567	1781	1784	1788	rVB3	518975	611830	12.97%	0.420%
62	13.732	1806	1812	1821	rBV3	871397	2582099	54.75%	1.774%
63	13.855	1828	1833	1835	rBV4	456895	798113	16.92%	0.548%
64	13.902	1837	1841	1845	rVV	883799	1769304	37.52%	1.216%
65	13.949	1845	1849	1855	rVB4	801487	1488673	31.57%	1.023%
66	14.037	1861	1864	1865	rBV2	555404	596376	12.65%	0.410%
67	14.067	1865	1869	1872	rVV2	1423544	2098660	44.50%	1.442%
68	14.102	1872	1875	1878	rVB4	534800	667179	14.15%	0.458%
69	14.484	1934	1940	1945	rBV	3178418	4516323	95.77%	3.104%
70	14.548	1947	1951	1954	rBV2	854498	1439213	30.52%	0.989%
71	14.983	2021	2025	2030	rVB3	1054415	1623072	34.42%	1.115%

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72	15.053	2032	2037	2041	rVV2	530266	1142423	24.23%	0.785%
73	15.100	2041	2045	2053	rVB5	1027089	1903892	40.37%	1.308%
74	15.200	2059	2062	2065	rBV	355381	476435	10.10%	0.327%
75	15.435	2098	2102	2106	rVB	3003166	3942443	83.60%	2.709%
76	15.617	2129	2133	2137	rBV3	477566	760499	16.13%	0.523%
77	15.670	2137	2142	2146	rVV6	501358	996337	21.13%	0.685%
78	15.794	2159	2163	2165	rBV4	403685	611656	12.97%	0.420%
79	15.841	2166	2171	2179	rVB	2161588	3545297	75.18%	2.436%
80	15.987	2193	2196	2201	rBV5	476178	910114	19.30%	0.625%
81	16.052	2203	2207	2208	rVV2	762037	1046941	22.20%	0.719%
82	16.076	2209	2211	2217	rVB3	1323682	1679668	35.62%	1.154%
83	16.134	2218	2221	2226	rBV5	338469	629562	13.35%	0.433%
84	16.299	2244	2249	2251	rBV	3276763	4715793	100.00%	3.241%
85	16.322	2251	2253	2263	rVB	2869576	4082211	86.56%	2.805%
86	17.092	2379	2384	2388	rBV	2492071	3333422	70.69%	2.291%
87	17.145	2388	2393	2402	rVB	2281962	4110328	87.16%	2.825%
88	17.327	2420	2424	2428	rBV	644795	994259	21.08%	0.683%
89	17.744	2491	2495	2504	rVV3	644612	1249349	26.49%	0.859%
90	17.826	2505	2509	2514	rVB	2454817	3045648	64.58%	2.093%
91	18.513	2622	2626	2631	rBV	1714288	2146175	45.51%	1.475%
92	19.142	2726	2733	2742	rVB2	1380714	2361532	50.08%	1.623%
93	19.718	2827	2831	2835	rBV	924960	1030527	21.85%	0.708%
94	19.941	2864	2869	2874	rVB	2646974	3518540	74.61%	2.418%
95	20.246	2917	2921	2926	rVB	717070	835394	17.71%	0.574%
96	20.740	3001	3005	3014	rVB	442186	570243	12.09%	0.392%
97	21.233	3085	3089	3102	rVB	280527	495403	10.51%	0.340%
98	21.574	3142	3147	3154	rVB	433827	709870	15.05%	0.488%
99	23.007	3382	3391	3406	rBV	251428	536667	11.38%	0.369%
100	24.699	3669	3679	3697	rBV2	287205	851336	18.05%	0.585%

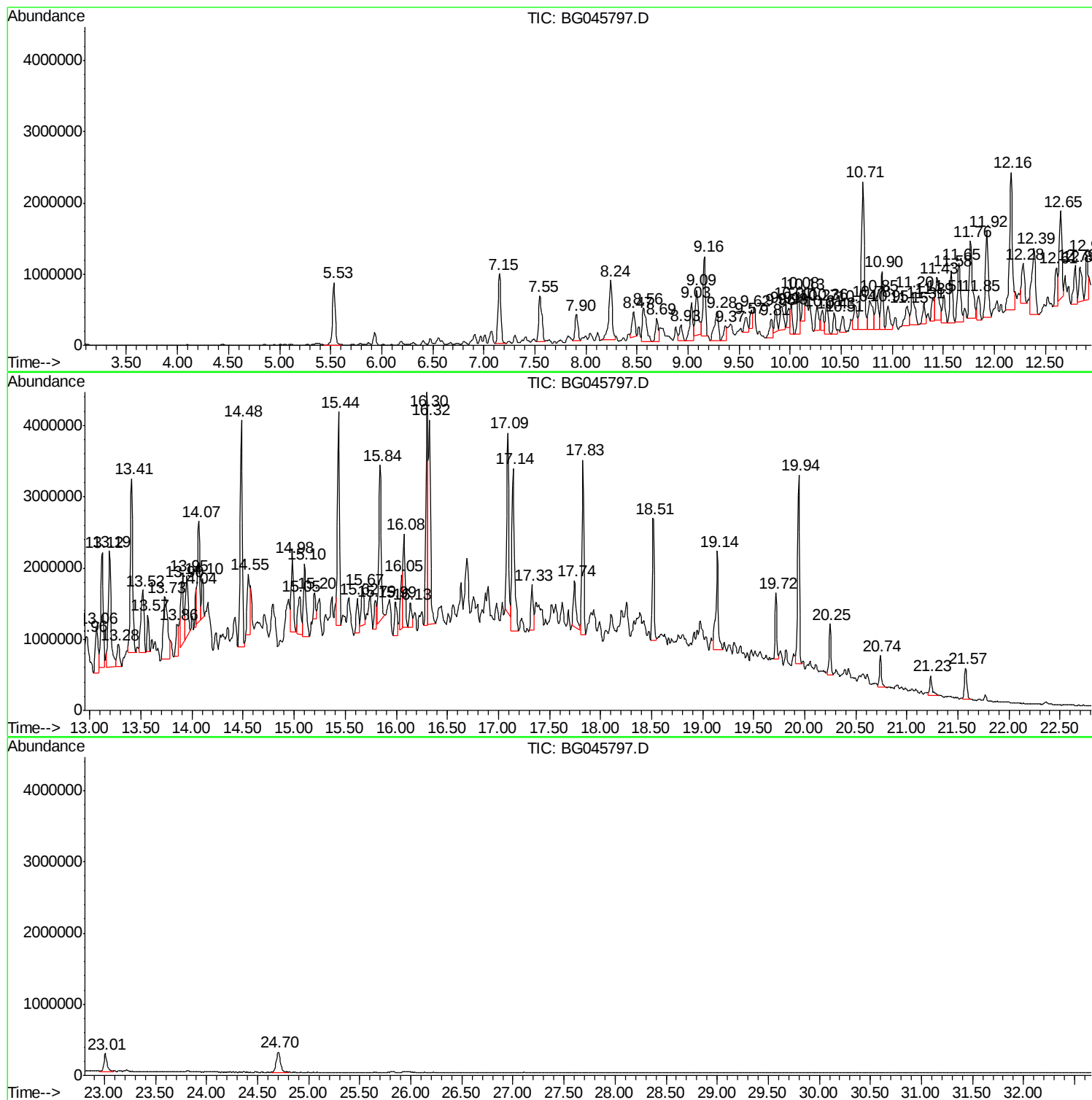
Sum of corrected areas: 145519791

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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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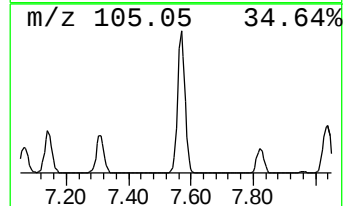
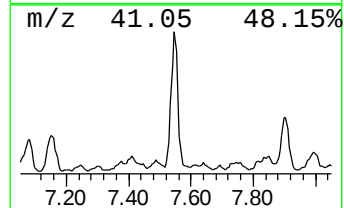
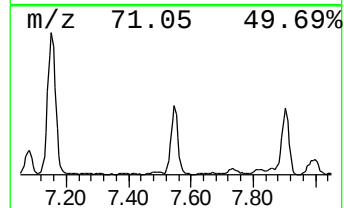
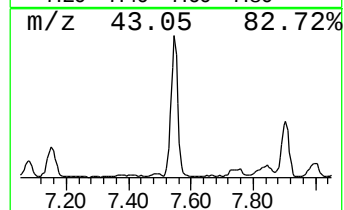
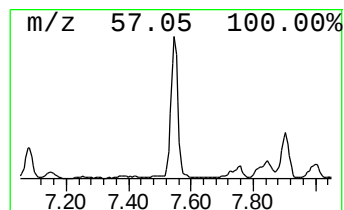
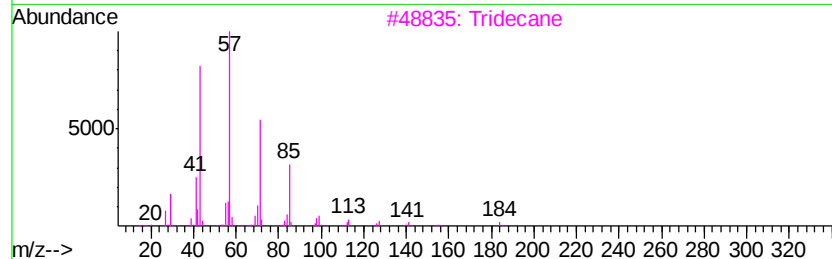
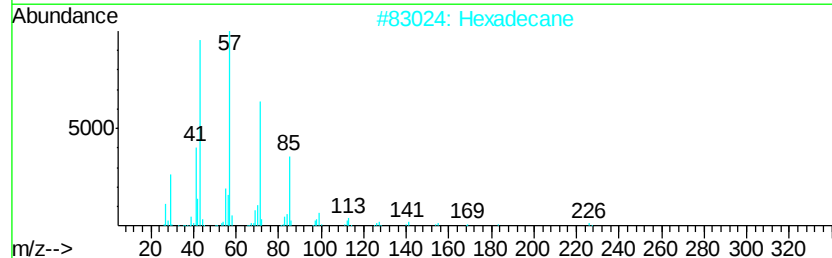
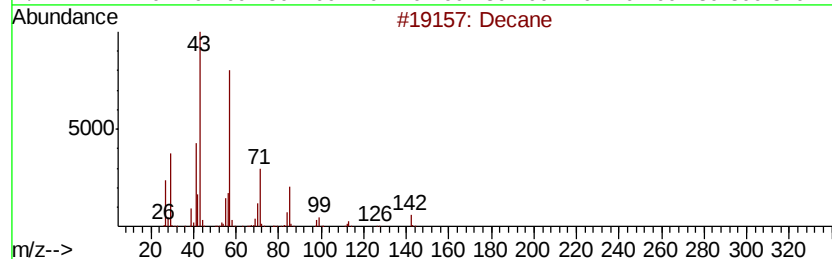
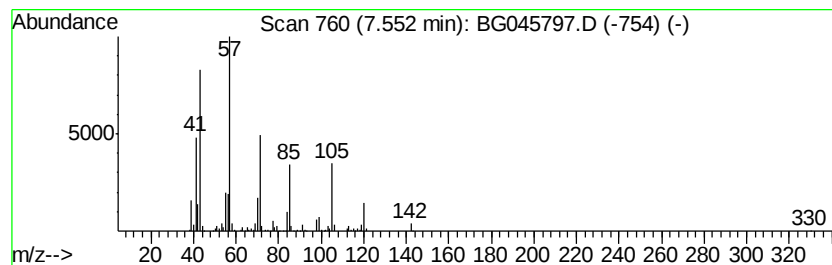
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Decane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	38.52 ng	1396160	1,4-Dichlorobenzene-d4	7.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	93
2		Hexadecane	226	C16H34	000544-76-3	64
3		Tridecane	184	C13H28	000629-50-5	59
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	53
5		Nonane	128	C9H20	000111-84-2	53



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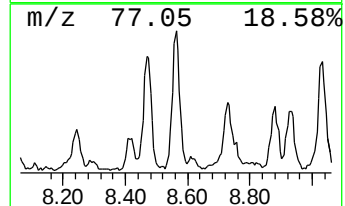
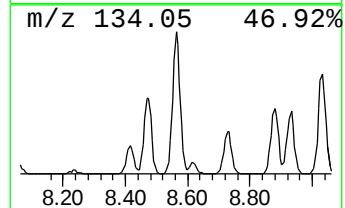
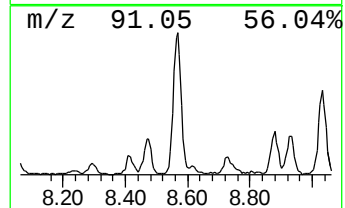
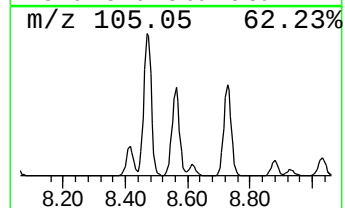
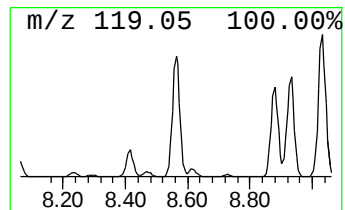
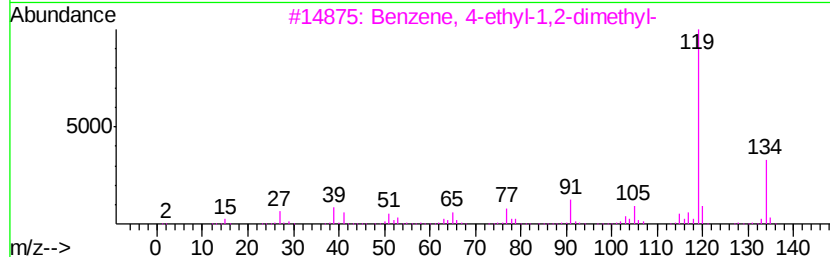
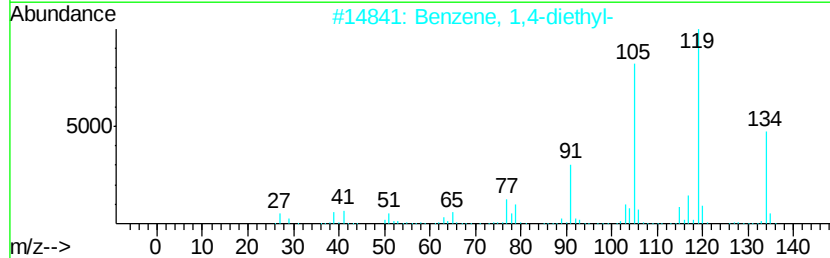
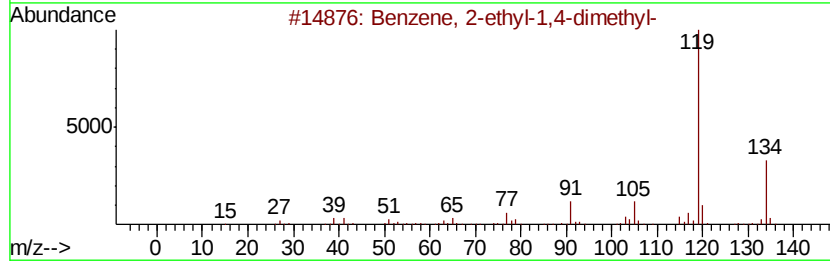
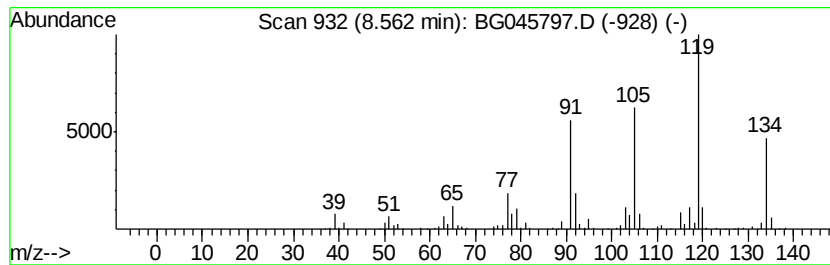
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	35.16 ng	1274610	1,4-Dichlorobenzene-d4	7.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
4		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93



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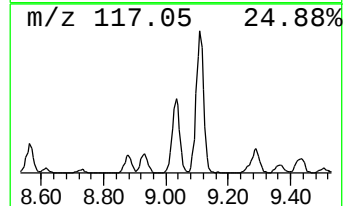
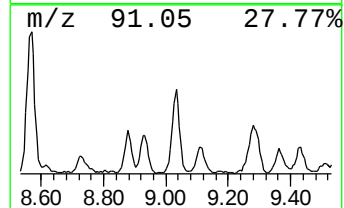
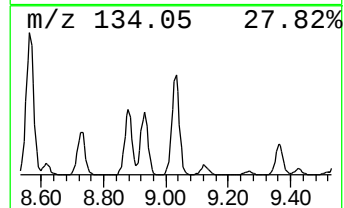
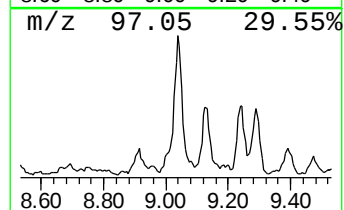
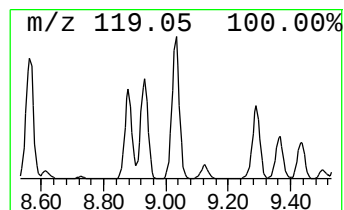
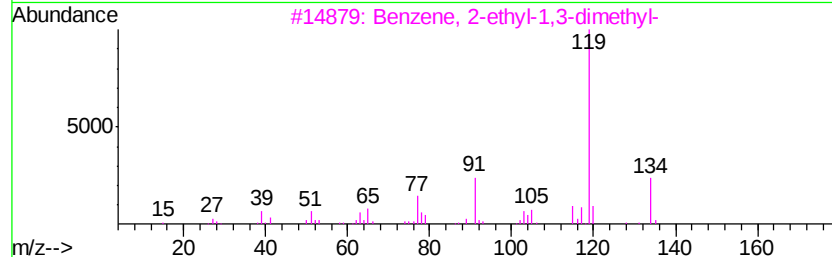
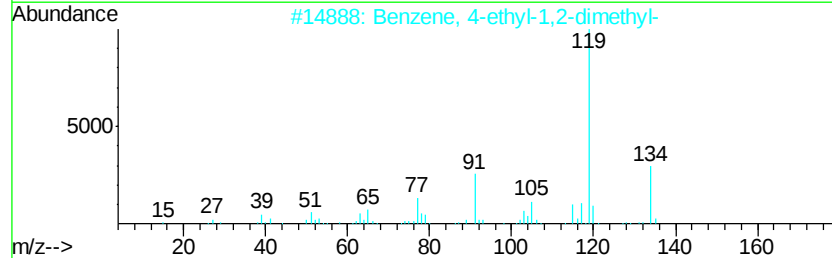
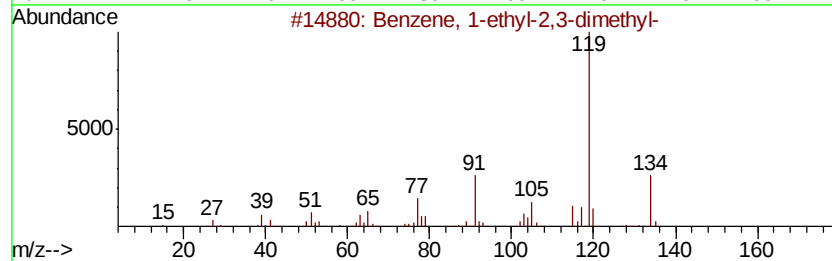
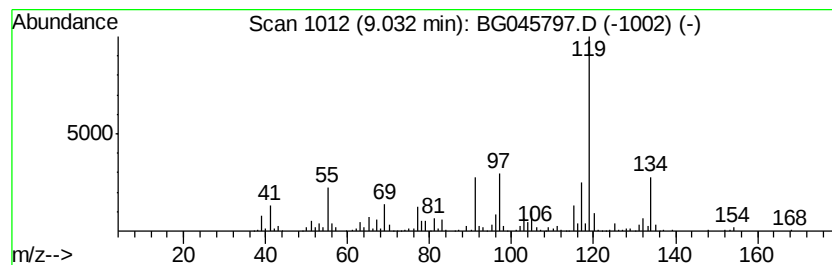
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	32.88 ng	1191770	1,4-Dichlorobenzene-d4	7.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	92
5		p-Cymene	134	C10H14	000099-87-6	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061820\
Data File : BG045797.D
Acq On : 18 Jun 2020 17:39
Operator : CG/JU
Sample : L3029-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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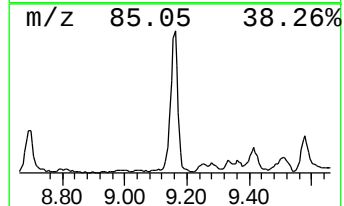
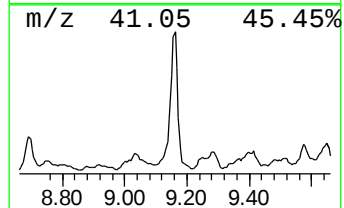
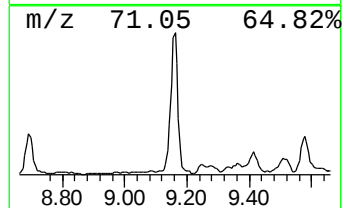
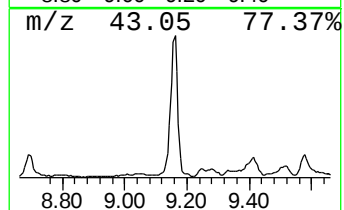
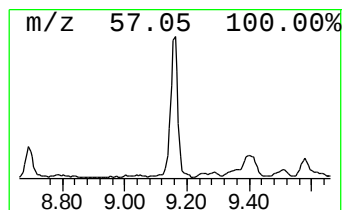
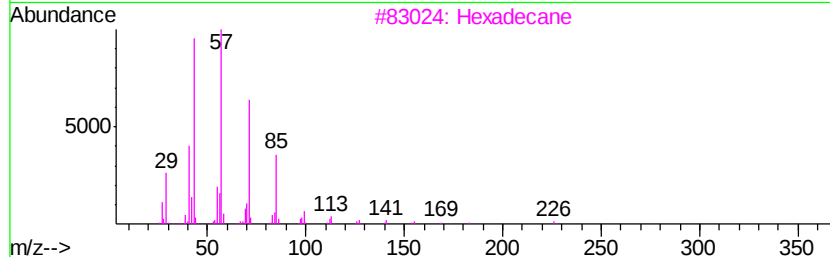
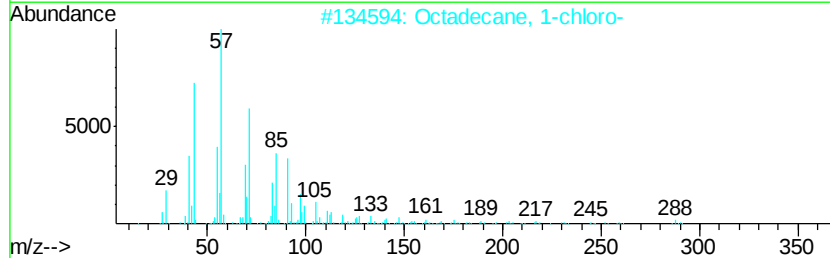
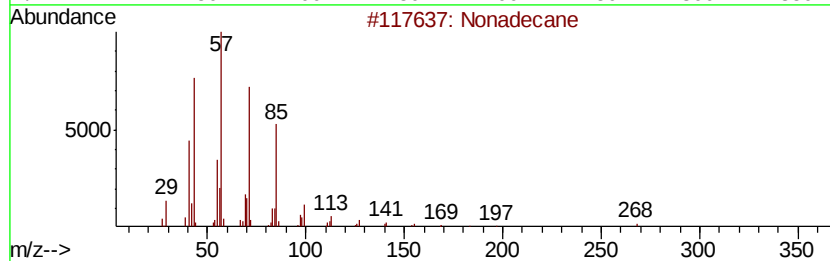
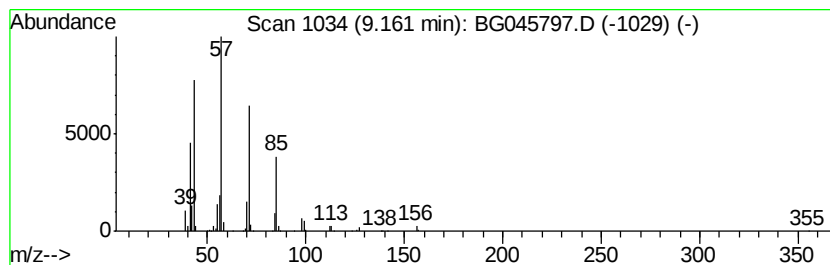
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	47.31 ng	1714960	1,4-Dichlorobenzene-d4	7.92

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	90
2	Octadecane, 1-chloro-		288	C18H37Cl	003386-33-2	83
3	Hexadecane		226	C16H34	000544-76-3	83
4	Undecane, 2,3-dimethyl-		184	C13H28	017312-77-5	78
5	Undecane		156	C11H24	001120-21-4	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061820\
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ClientSampleId :
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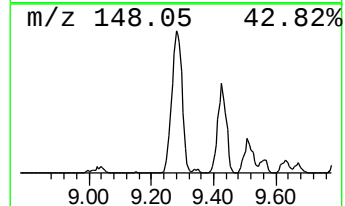
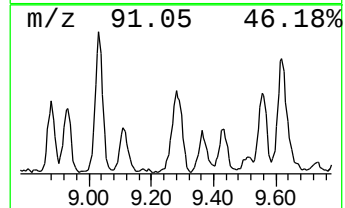
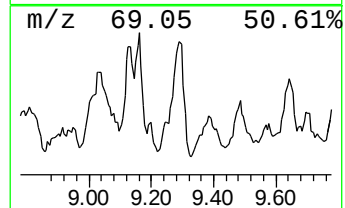
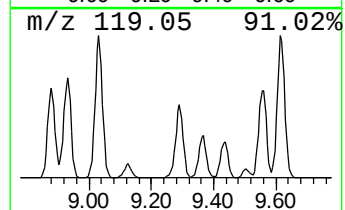
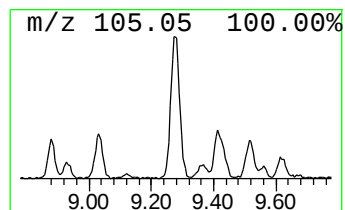
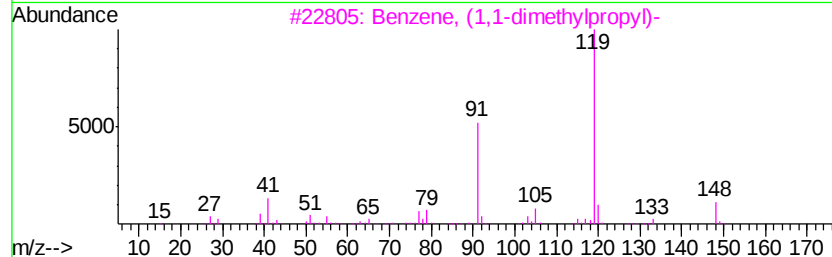
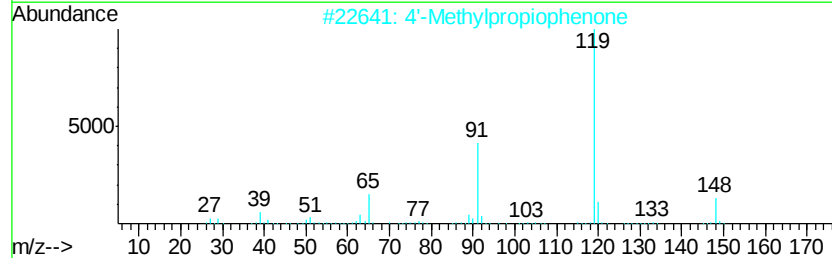
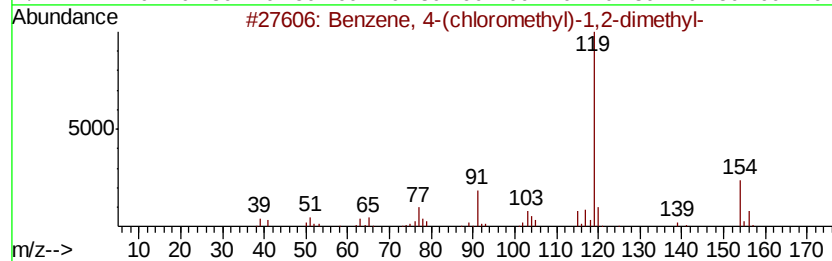
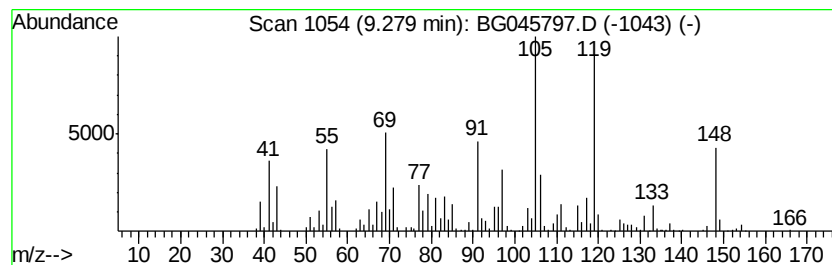
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, 4-(chloromethyl)-1... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	31.74 ng	1150410	1,4-Dichlorobenzene-d4	7.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-(chloromethyl)-1,2-di...	154	C9H11Cl	000102-46-5	60
2		4'-Methylpropiophenone	148	C10H12O	005337-93-9	53
3		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	52
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	49
5		o-Cymene	134	C10H14	000527-84-4	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061820\
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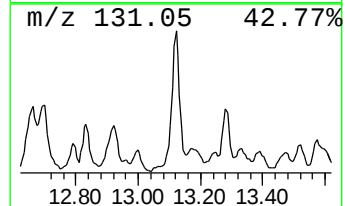
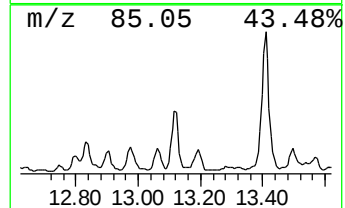
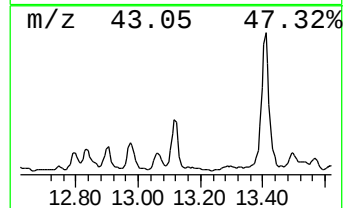
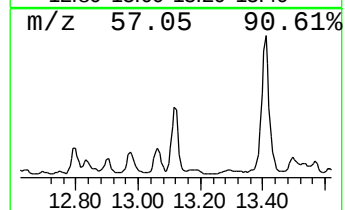
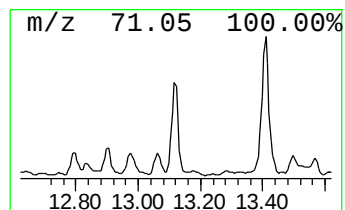
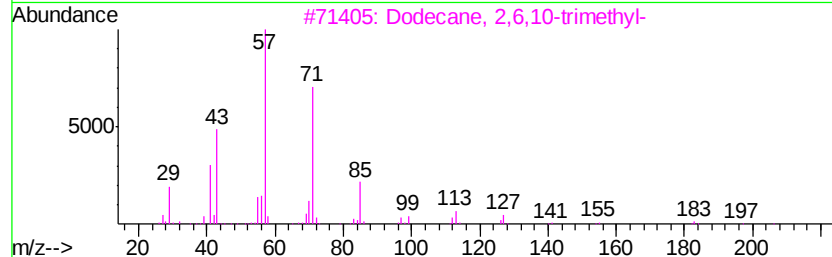
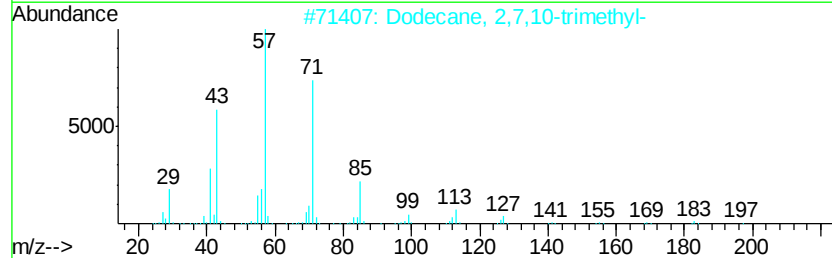
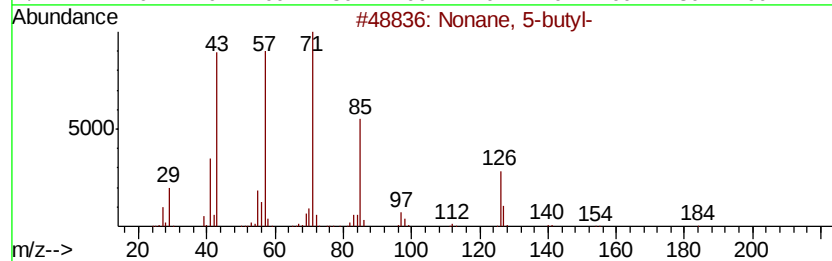
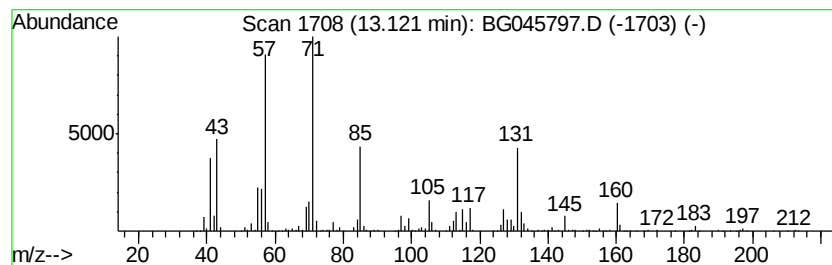
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Nonane, 5-butyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	35.02 ng	2520210	Acenaphthene-d10	14.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonane, 5-butyl-	184 C13H28	017312-63-9	60
2	Dodecane, 2,7,10-trimethyl-	212 C15H32	074645-98-0	49
3	Dodecane, 2,6,10-trimethyl-	212 C15H32	003891-98-3	49
4	Dodecane, 2,6,11-trimethyl-	212 C15H32	031295-56-4	49
5	Nonane, 3,7-dimethyl-	156 C11H24	017302-32-8	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061820\
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Instrument :
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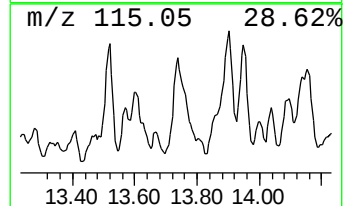
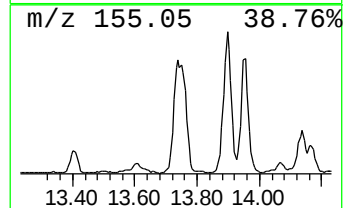
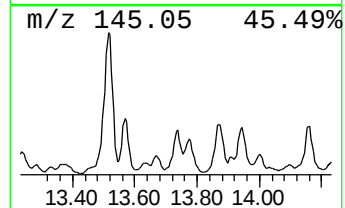
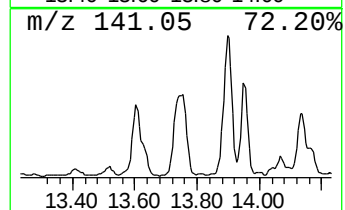
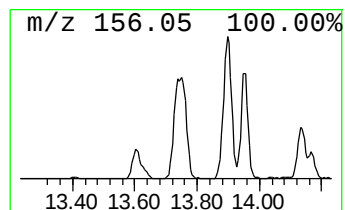
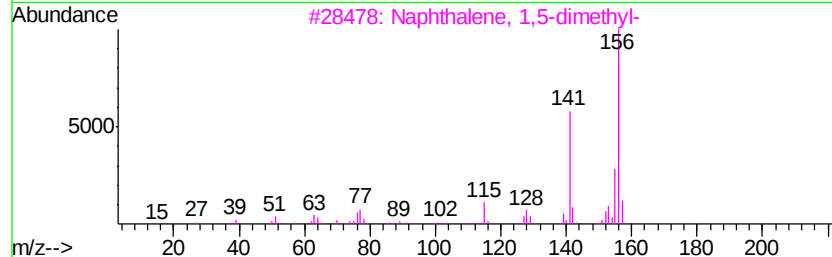
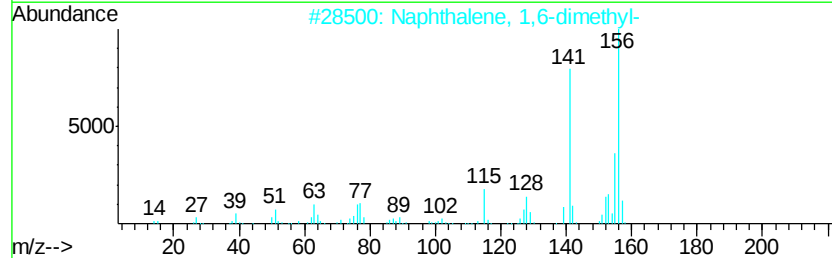
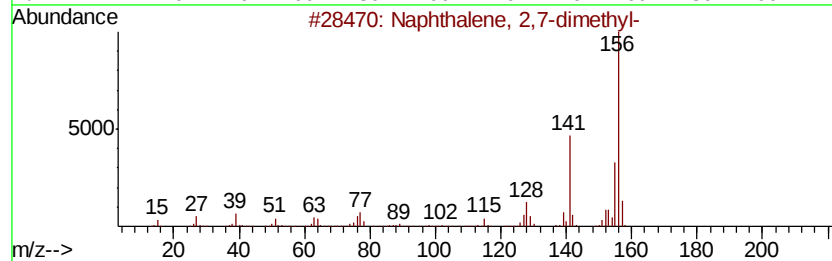
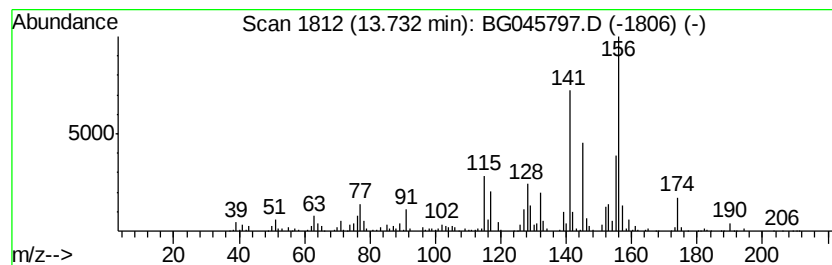
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Naphthalene, 2,7-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	35.88 ng	2582100	Acenaphthene-d10	14.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	91
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	90
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	89
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061820\
Data File : BG045797.D
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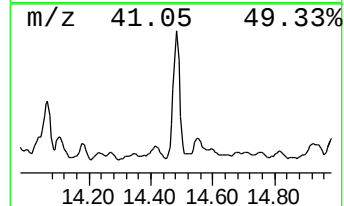
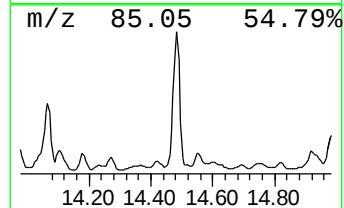
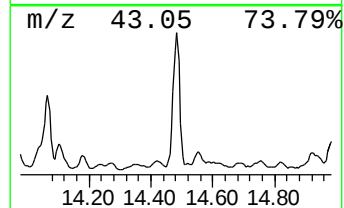
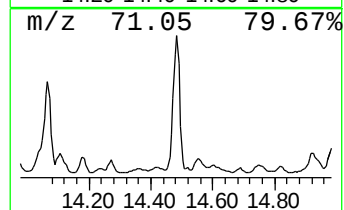
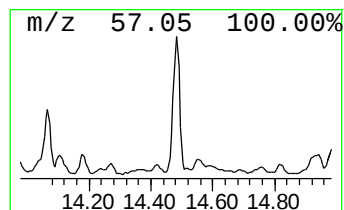
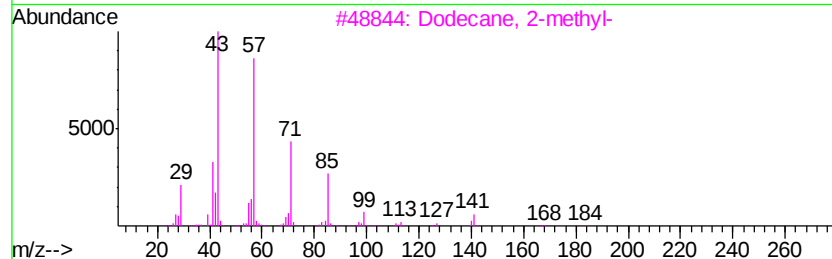
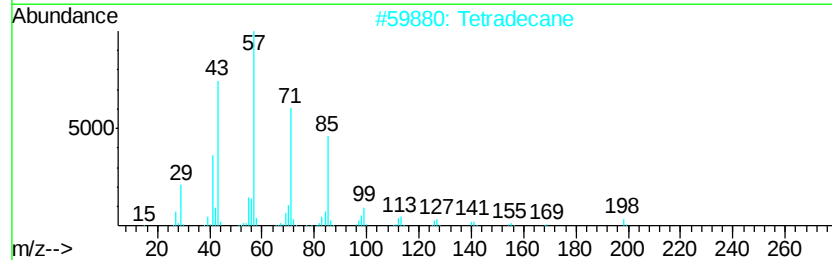
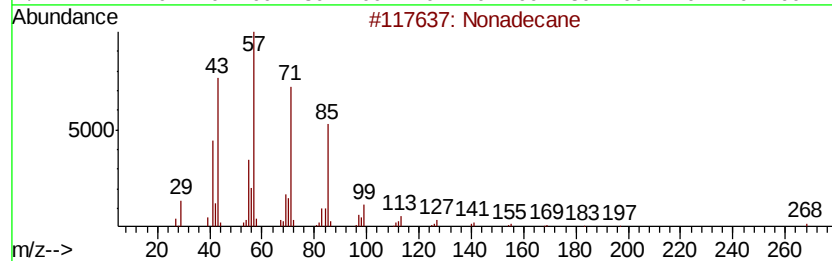
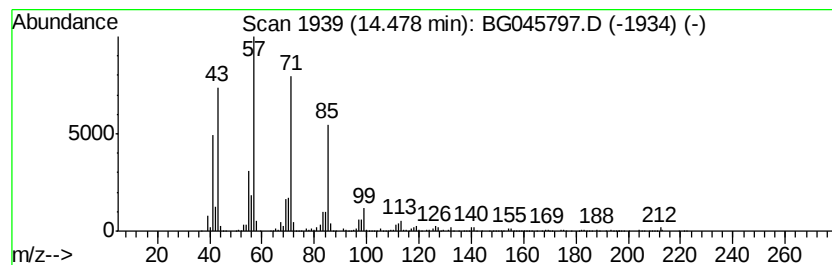
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	62.76 ng	4516320	Acenaphthene-d10	14.57

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane	268	C19H40	000629-92-5	91
2		Tetradecane	198	C14H30	000629-59-4	86
3		Dodecane, 2-methyl-	184	C13H28	001560-97-0	86
4		Hexadecane	226	C16H34	000544-76-3	80
5		10-Methylnonadecane	282	C20H42	056862-62-5	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061820\
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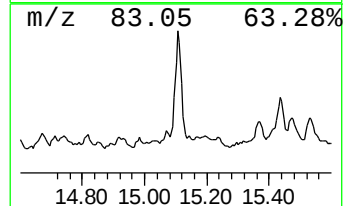
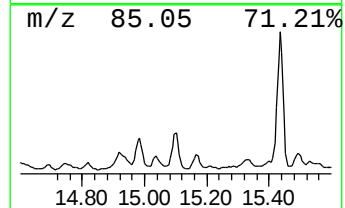
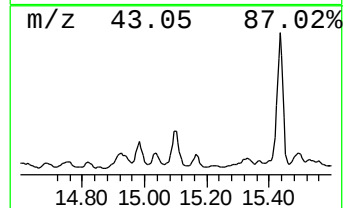
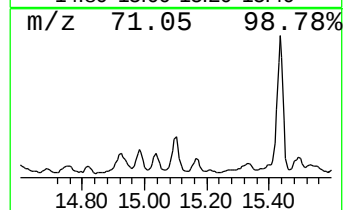
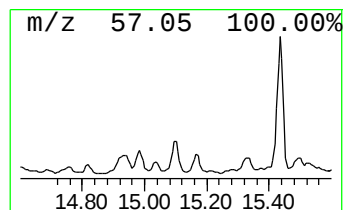
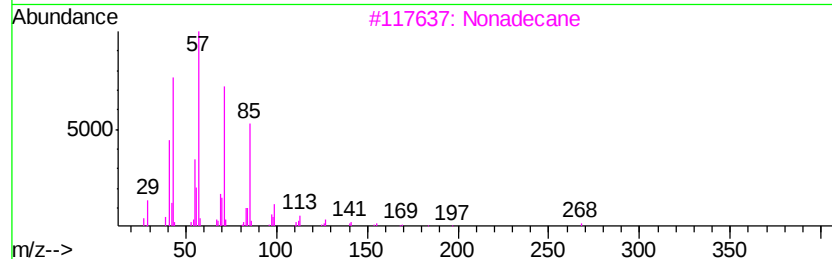
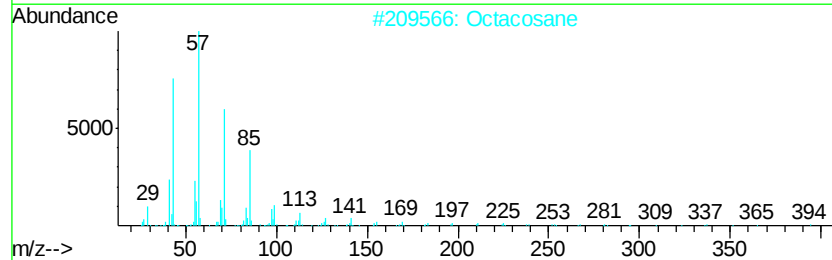
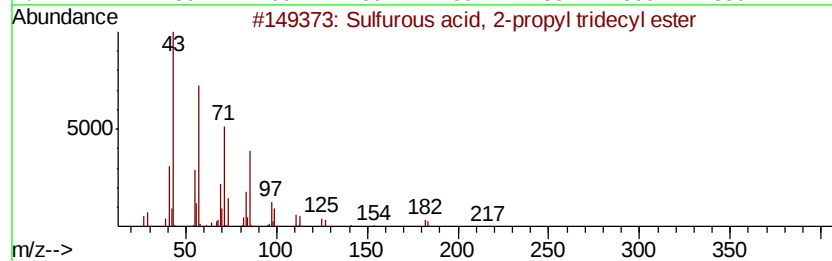
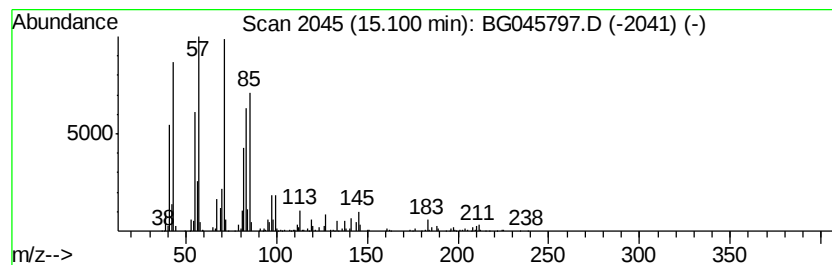
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TIC Library : C:\Database\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 10 Sulfurous acid, 2-propyl tr... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	26.46 ng	1903890	Acenaphthene-d10	14.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, 2-propyl tridecv...	306	C16H34O3S	1000309-12-4	53
2		Octacosane	394	C28H58	000630-02-4	52
3		Nonadecane	268	C19H40	000629-92-5	52
4		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	50
5		Tetracosane	338	C24H50	000646-31-1	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061820\
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ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId :
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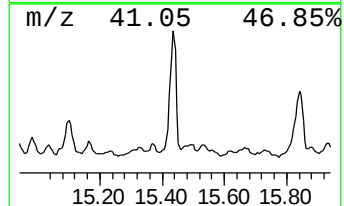
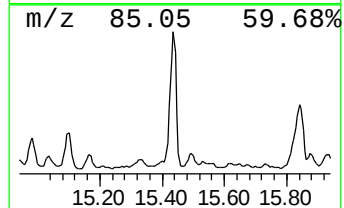
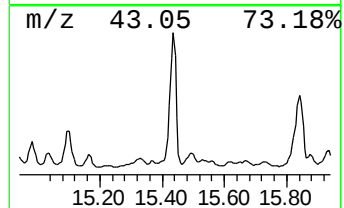
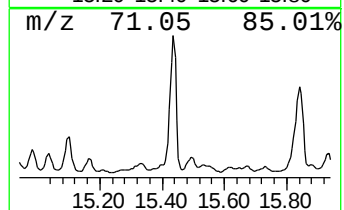
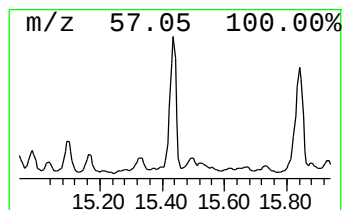
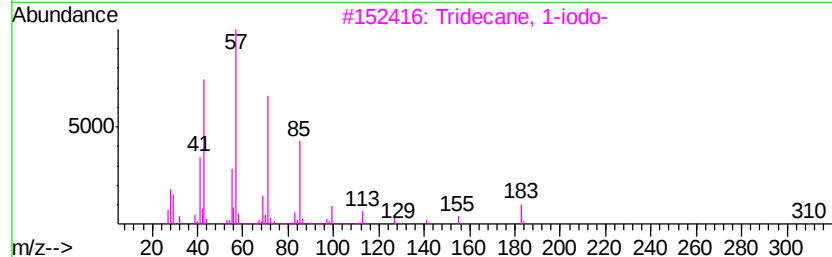
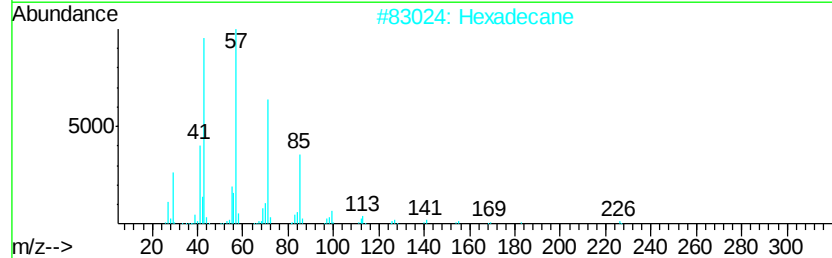
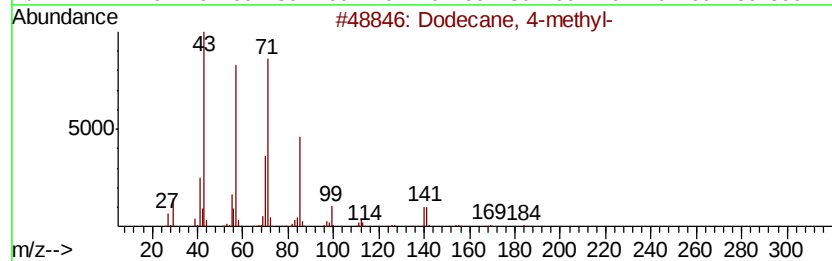
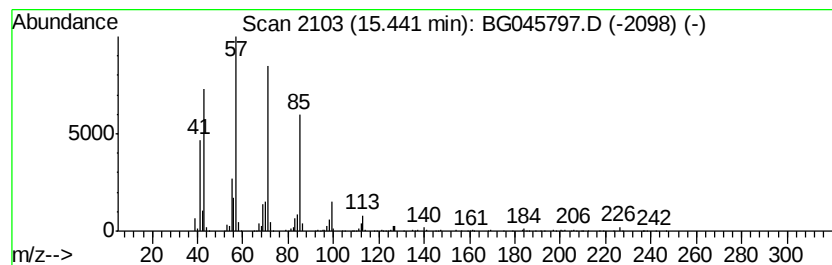
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Dodecane, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	54.79 ng	3942440	Acenaphthene-d10	14.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	91
2		Hexadecane	226	C16H34	000544-76-3	90
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4		Tetradecane	198	C14H30	000629-59-4	90
5		Nonadecane	268	C19H40	000629-92-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061820\
Data File : BG045797.D
Acq On : 18 Jun 2020 17:39
Operator : CG/JU
Sample : L3029-03
Misc :
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Instrument :
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ClientSampleId :
SOUTH-17.5

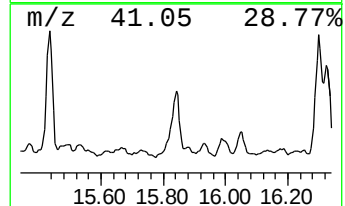
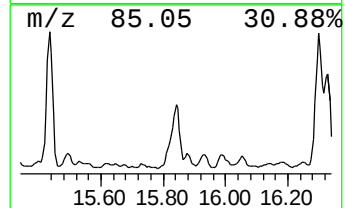
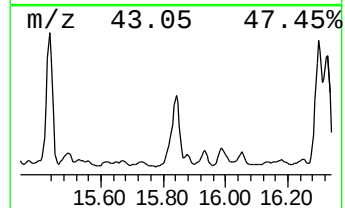
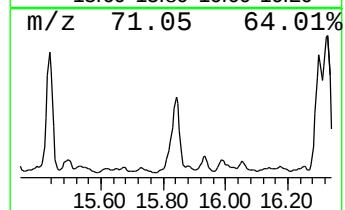
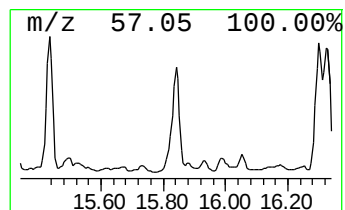
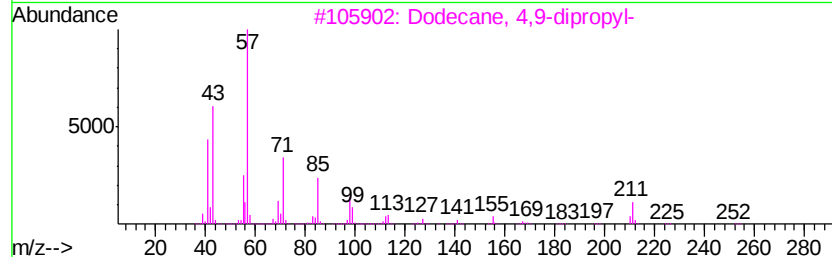
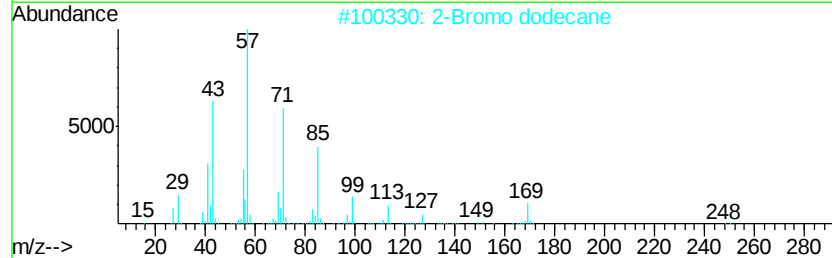
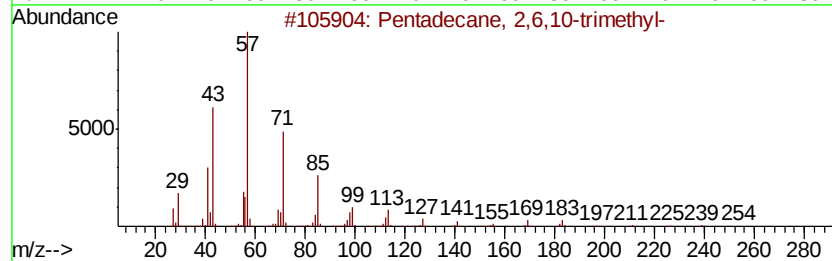
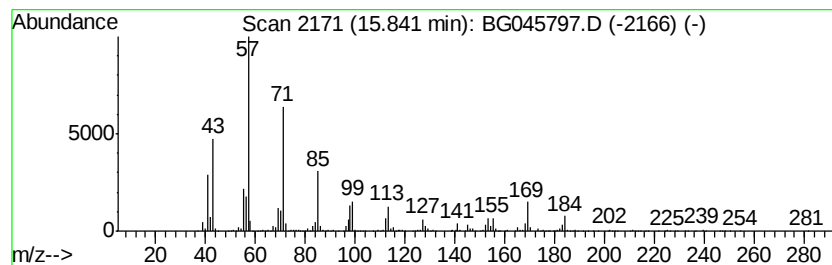
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Pentadecane, 2,6,10-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	49.27 ng	3545300	Acenaphthene-d10	14.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	91
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	80
3		Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	64
4		Decane, 2-methyl-	156	C11H24	006975-98-0	62
5		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061820\
Data File : BG045797.D
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Sample : L3029-03
Misc :
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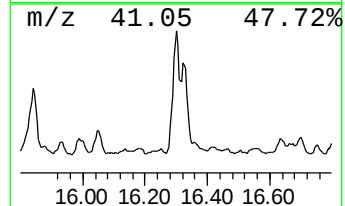
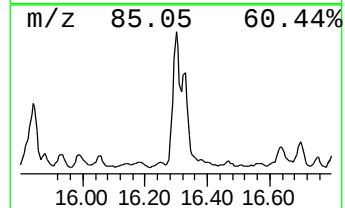
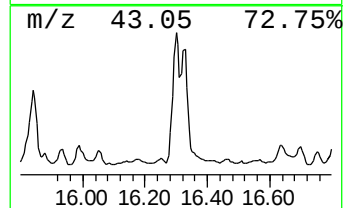
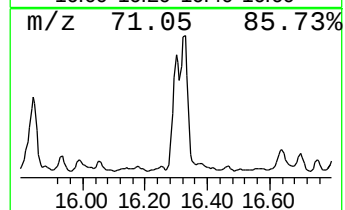
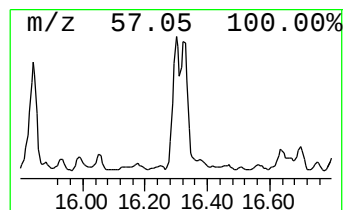
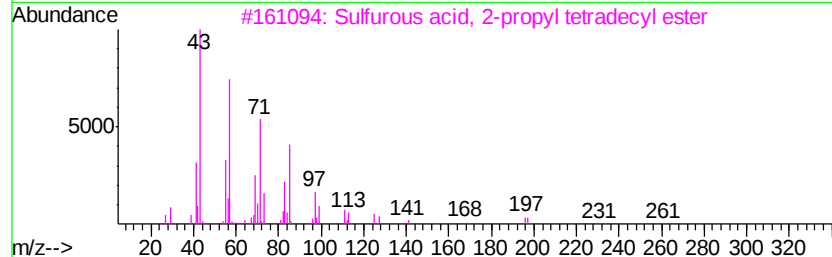
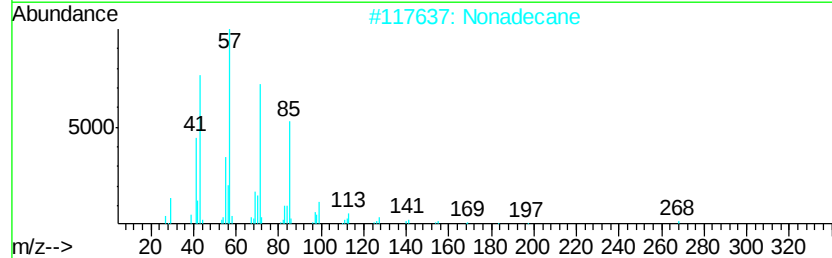
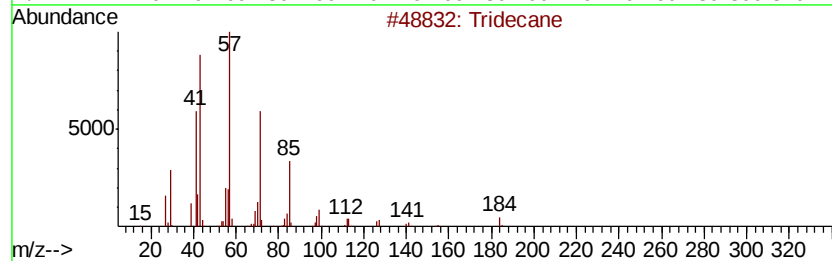
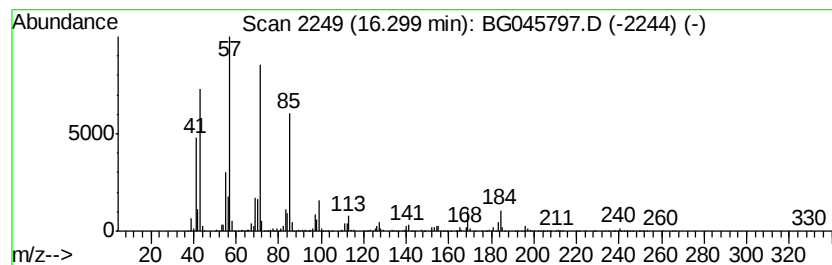
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Tridecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	94.86 ng	4715790	Phenanthrene-d10	17.33
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Tridecane	184 C13H28	000629-50-5	87
2	Nonadecane	268 C19H40	000629-92-5	87
3	Sulfurous acid, 2-propyl tetradecyl ester	320 C17H36O3S	1000309-12-5	80
4	Dodecane, 1-iodo-	296 C12H25I	004292-19-7	72
5	Decane, 3,8-dimethyl-	170 C12H26	017312-55-9	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061820\
Data File : BG045797.D
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Misc :
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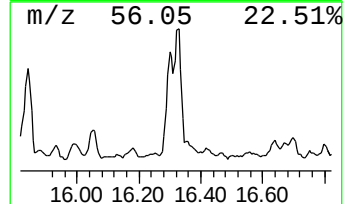
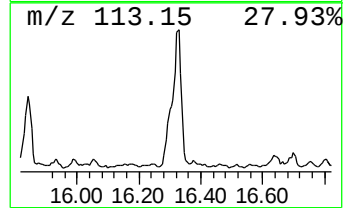
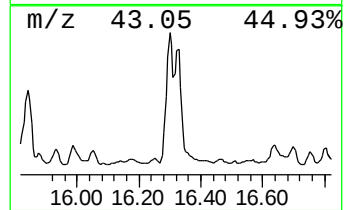
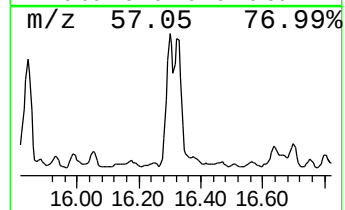
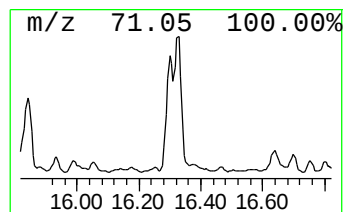
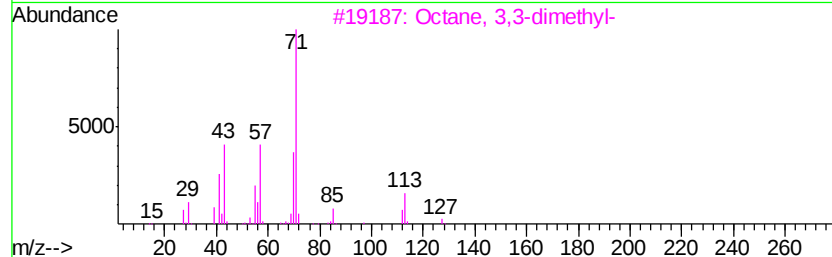
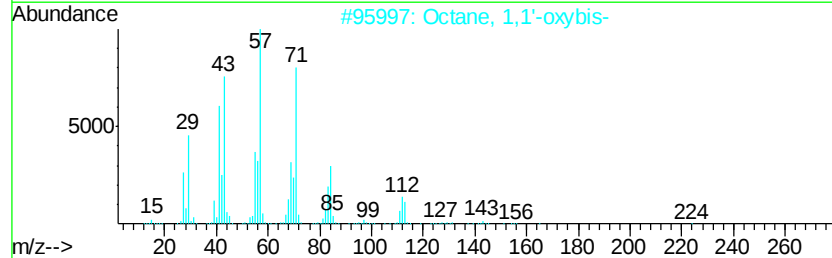
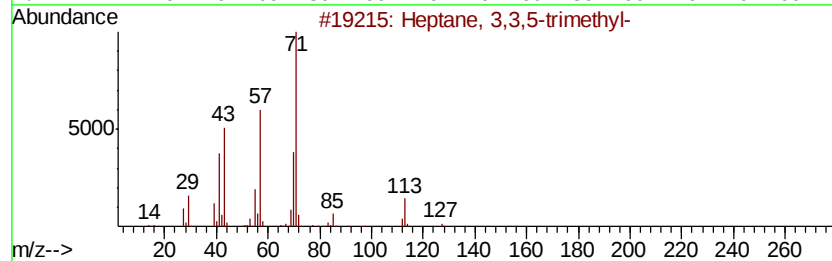
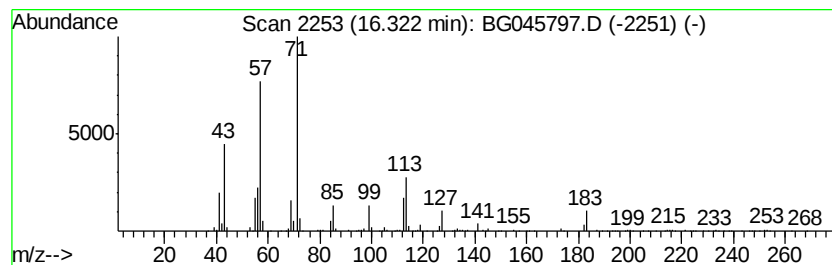
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Heptane, 3,3,5-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.32	82.12 ng	4082210	Phenanthrene-d10	17.33		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	59	
2	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	59	
3	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	53	
4	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	50	
5	Sulfurous acid, 2-ethylhexyl tet...	390	C22H46O3S	1000309-19-7	50	



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061820\
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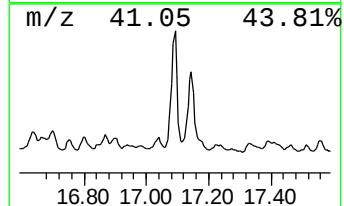
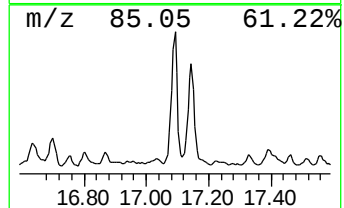
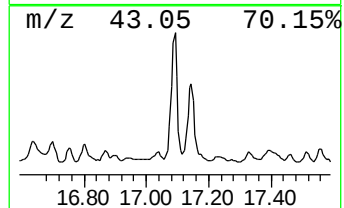
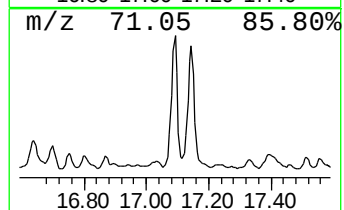
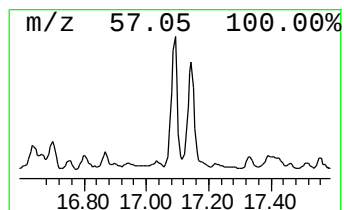
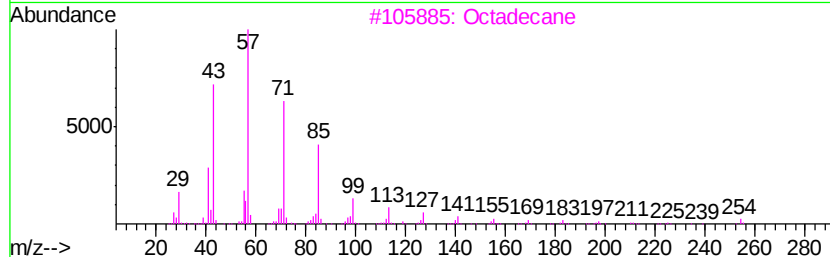
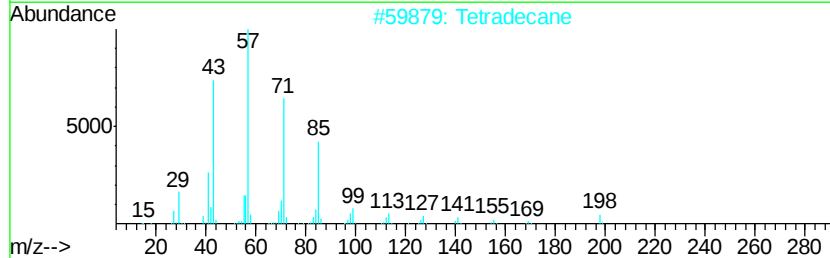
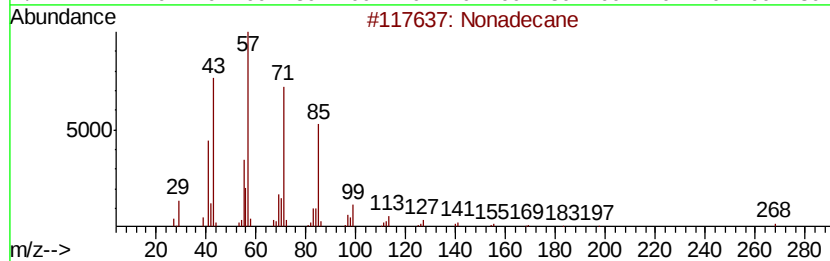
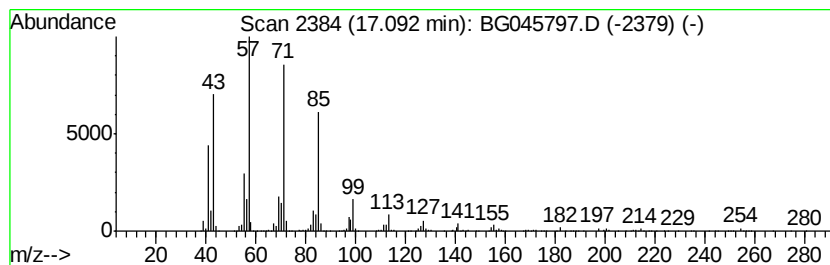
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Octadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.09	67.05 ng	3333420	Phenanthrene-d10	17.33	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Octadecane	254	C18H38	000593-45-3	90
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90
5	10-Methylnonadecane	282	C20H42	056862-62-5	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061820\
Data File : BG045797.D
Acq On : 18 Jun 2020 17:39
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Misc :
ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId :
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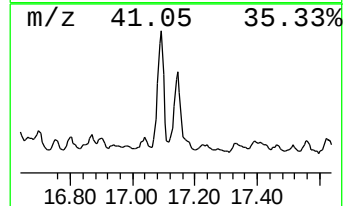
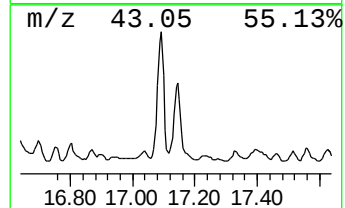
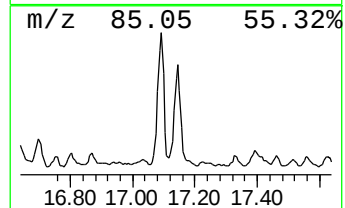
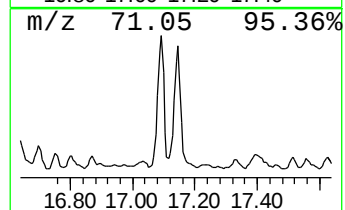
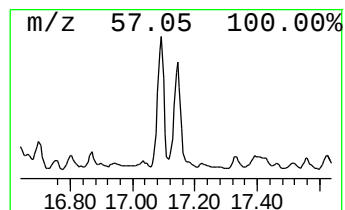
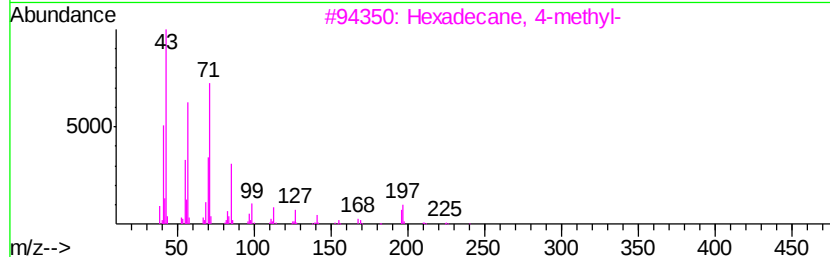
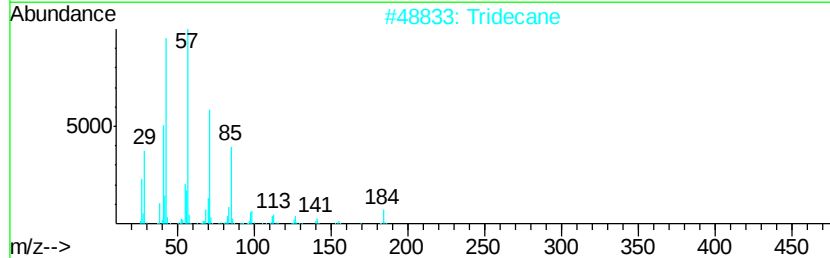
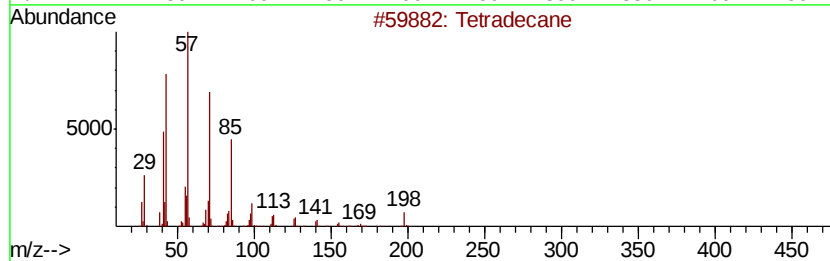
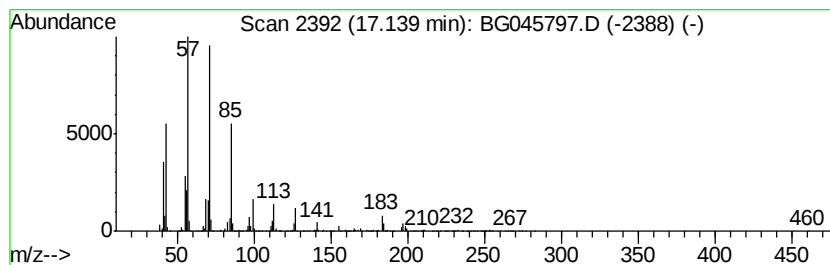
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Hexadecane, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.14	82.68 ng	4110330	Phenanthrene-d10	17.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	91
2		Tridecane	184	C13H28	000629-50-5	91
3		Hexadecane, 4-methyl-	240	C17H36	025117-26-4	90
4		2-Bromotetradecane	276	C14H29Br	074036-95-6	90
5		Tridecane, 4-methyl-	198	C14H30	026730-12-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061820\
Data File : BG045797.D
Acq On : 18 Jun 2020 17:39
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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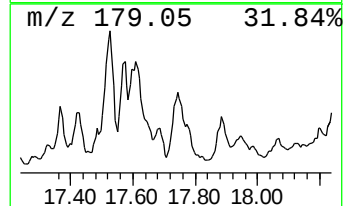
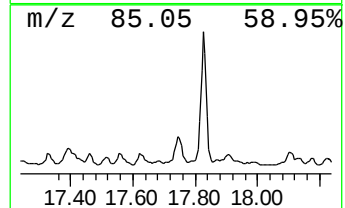
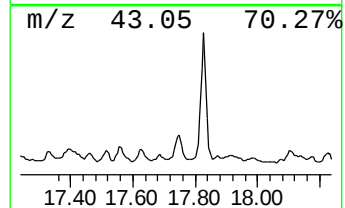
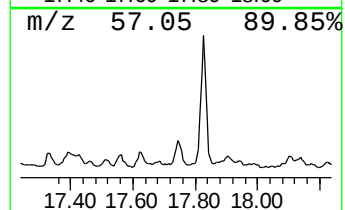
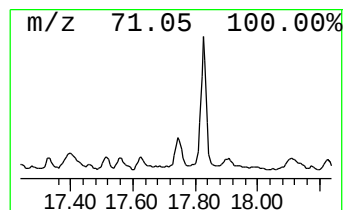
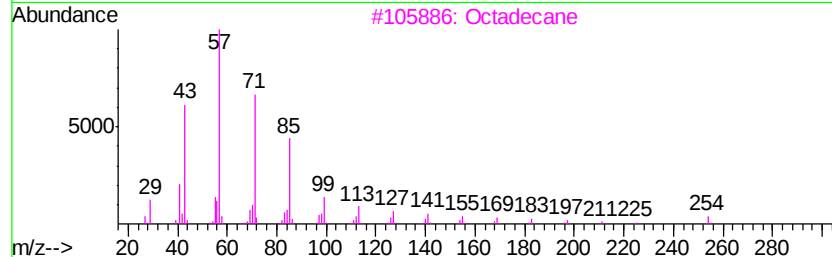
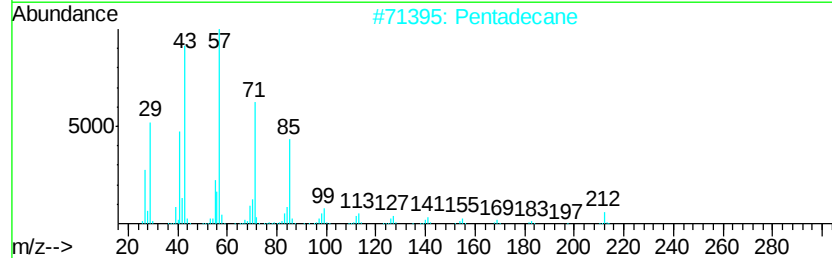
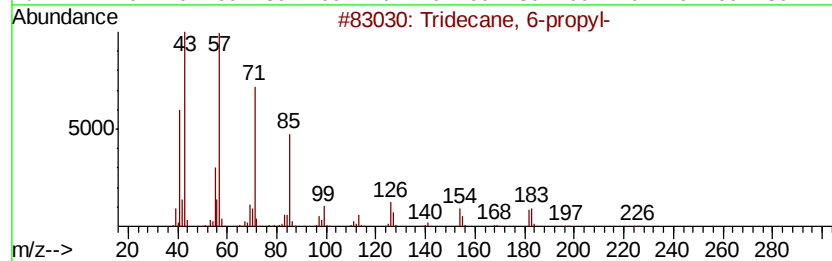
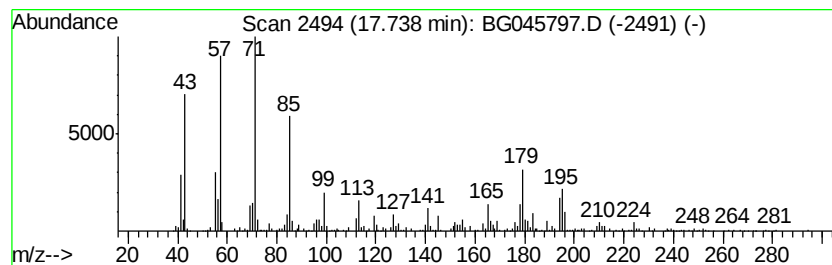
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Tridecane, 6-propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.74	25.13 ng	1249350	Phenanthrene-d10	17.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	60
2		Pentadecane	212	C15H32	000629-62-9	60
3		Octadecane	254	C18H38	000593-45-3	58
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	58
5		Tridecane, 4-methyl-	198	C14H30	026730-12-1	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061820\
Data File : BG045797.D
Acq On : 18 Jun 2020 17:39
Operator : CG/JU
Sample : L3029-03
Misc :
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Instrument :
BNA_G
ClientSampleId :
SOUTH-17.5

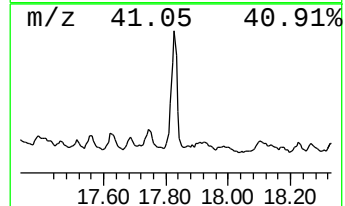
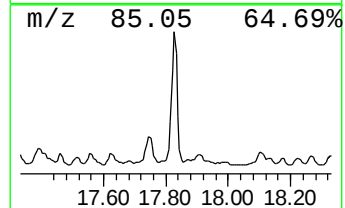
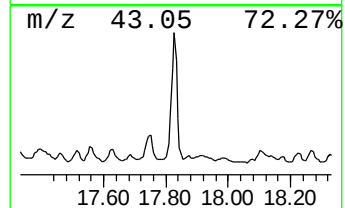
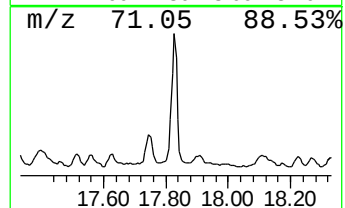
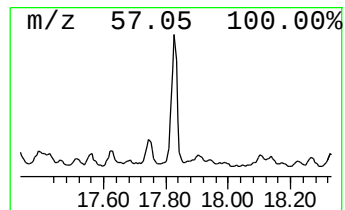
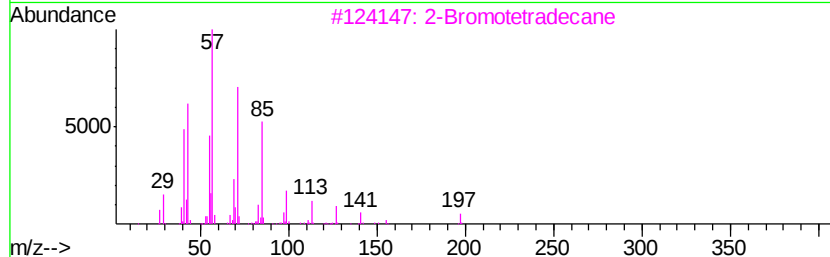
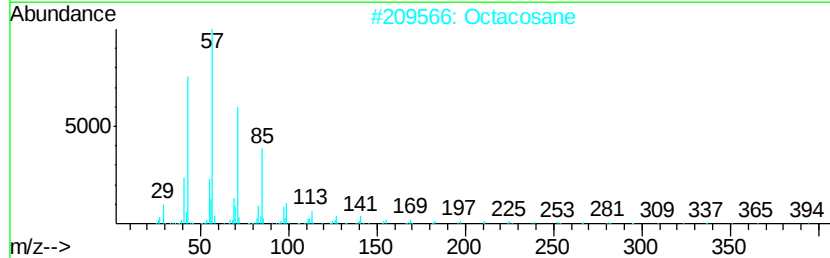
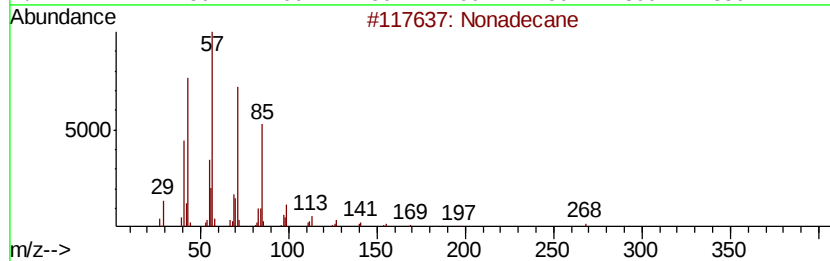
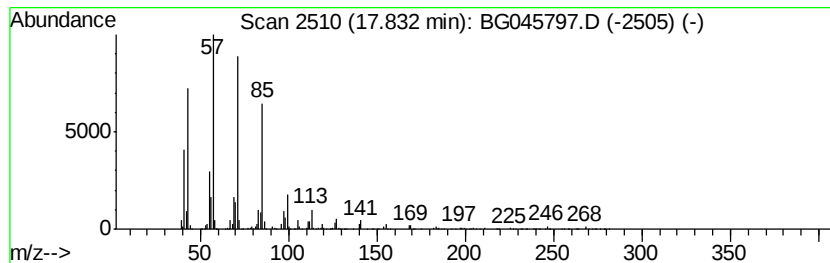
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 2-Bromotetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	61.26 ng	3045650	Phenanthrene-d10	17.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Octacosane	394	C28H58	000630-02-4	91
3	2-Bromotetradecane	276	C14H29Br	074036-95-6	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Heptacosane	380	C27H56	000593-49-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061820\
 Data File : BG045797.D
 Acq On : 18 Jun 2020 17:39
 Operator : CG/JU
 Sample : L3029-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOUTH-17.5

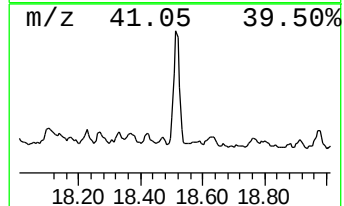
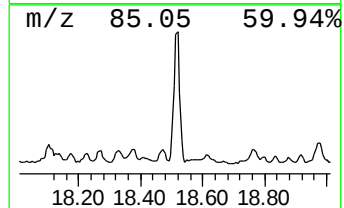
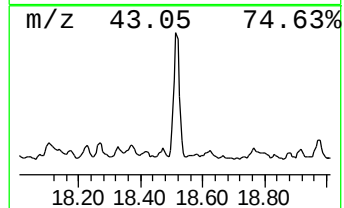
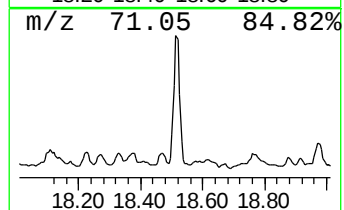
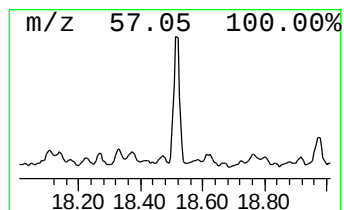
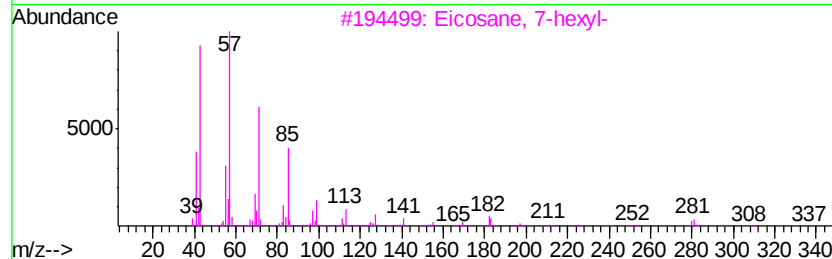
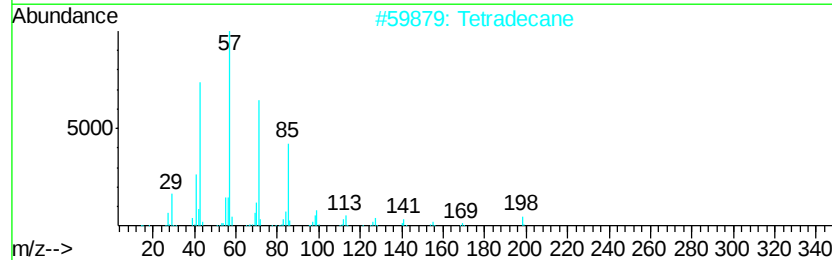
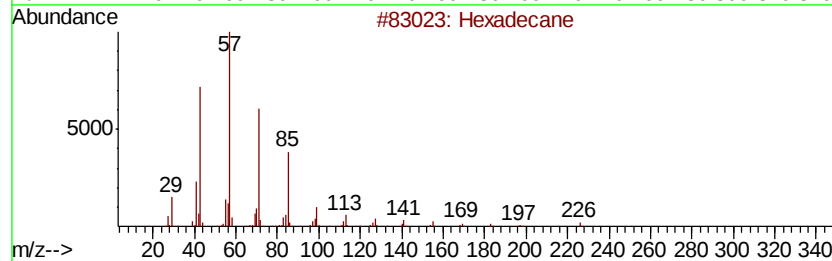
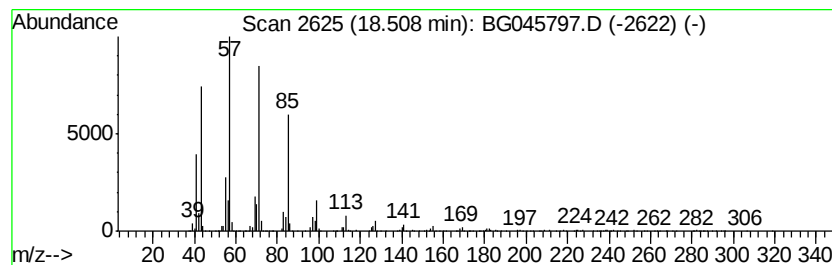
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 19 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.51	43.17 ng	2146180	Phenanthrene-d10	17.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Tetradecane	198	C14H30	000629-59-4	90
3		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
4		Tetracosane	338	C24H50	000646-31-1	90
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061820\
Data File : BG045797.D
Acq On : 18 Jun 2020 17:39
Operator : CG/JU
Sample : L3029-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOUTH-17.5

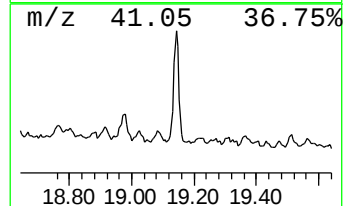
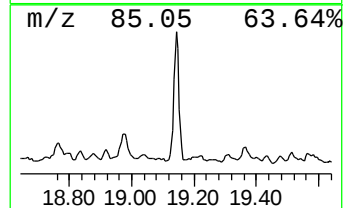
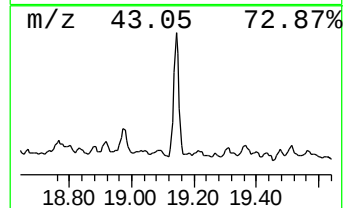
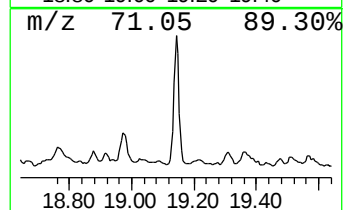
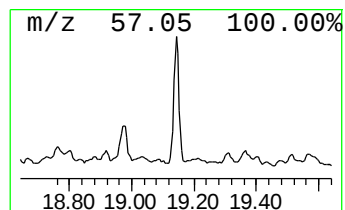
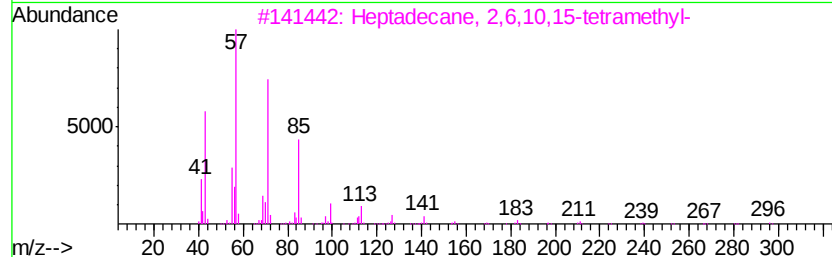
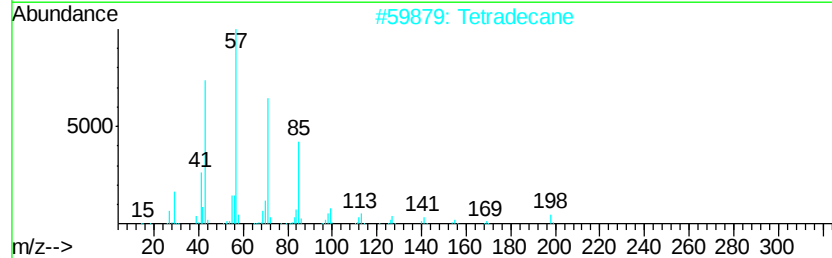
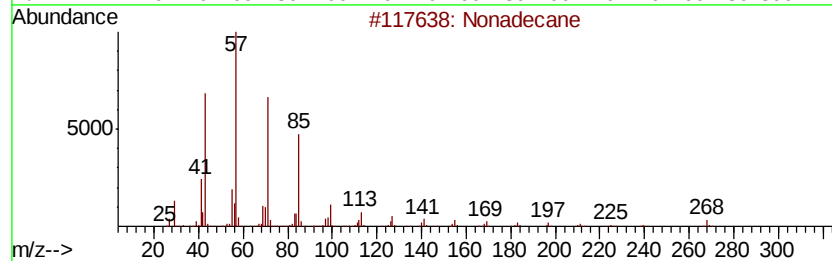
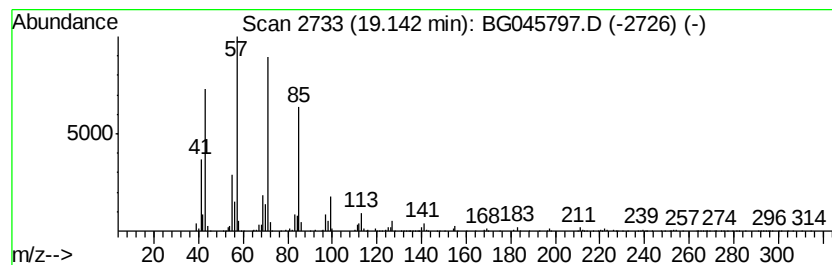
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Heptadecane, 2,6,10,15-tetr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.14	47.50 ng	2361530	Phenanthrene-d10	17.33

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	91
2			Tetradecane	198	C14H30	000629-59-4	90
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
4			Tetracosane	338	C24H50	000646-31-1	90
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061820\
 Data File : BG045797.D
 Acq On : 18 Jun 2020 17:39
 Operator : CG/JU
 Sample : L3029-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOUTH-17.5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Decane	7.55	38.5	ng	1396160	1	7.92	724987	20.0
Benzene, 2-ethyl-...	8.56	35.2	ng	1274610	1	7.92	724987	20.0
Benzene, 1-ethyl-...	9.03	32.9	ng	1191770	1	7.92	724987	20.0
Nonadecane	9.16	47.3	ng	1714960	1	7.92	724987	20.0
Benzene, 4-(chlor...	9.28	31.7	ng	1150410	1	7.92	724987	20.0
Nonane, 5-butyl-	13.12	35.0	ng	2520210	3	14.57	1439210	20.0
Naphthalene, 2,7-...	13.73	35.9	ng	2582100	3	14.57	1439210	20.0
Tetradecane	14.48	62.8	ng	4516320	3	14.57	1439210	20.0
Sulfurous acid, 2...	15.10	26.5	ng	1903890	3	14.57	1439210	20.0
Dodecane, 4-methyl-	15.44	54.8	ng	3942440	3	14.57	1439210	20.0
Pentadecane, 2,6,...	15.84	49.3	ng	3545300	3	14.57	1439210	20.0
Tridecane	16.30	94.9	ng	4715790	4	17.33	994259	20.0
Heptane, 3,3,5-tr...	16.32	82.1	ng	4082210	4	17.33	994259	20.0
Octadecane	17.09	67.0	ng	3333420	4	17.33	994259	20.0
Hexadecane, 4-met...	17.14	82.7	ng	4110330	4	17.33	994259	20.0
Tridecane, 6-propyl-	17.74	25.1	ng	1249350	4	17.33	994259	20.0
2-Bromotetradecane	17.83	61.3	ng	3045650	4	17.33	994259	20.0
Hexadecane	18.51	43.2	ng	2146180	4	17.33	994259	20.0
Heptadecane, 2,6,...	19.14	47.5	ng	2361530	4	17.33	994259	20.0