

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
 Data File : BP001353.D
 Acq On : 20 Dec 2019 20:14
 Operator : JU
 Sample : K6107-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HR-06-121819

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_P\METHODS\8270-BP121919.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	5.611	594	599	614	rVB	198730	317068	7.44%	0.636%
2	6.211	695	701	715	rVB	1317090	1660171	38.96%	3.328%
3	7.175	859	865	874	rVB4	59982	124063	2.91%	0.249%
4	7.575	929	933	937	rBV3	93852	148301	3.48%	0.297%
5	7.616	937	940	949	rVB2	82839	132225	3.10%	0.265%
6	7.705	949	955	958	rBV2	90580	136089	3.19%	0.273%
7	7.758	958	964	970	rVV	1372928	1852581	43.48%	3.714%
8	7.940	986	995	1004	rBV	1471780	1927283	45.23%	3.864%
9	8.040	1009	1012	1016	rVB	126940	137273	3.22%	0.275%
10	8.093	1016	1021	1026	rBV	502197	587697	13.79%	1.178%
11	8.299	1052	1056	1060	rBV	286939	320921	7.53%	0.643%
12	8.375	1064	1069	1071	rVV	169232	187090	4.39%	0.375%
13	8.540	1093	1097	1102	rBV	1118963	1429459	33.55%	2.866%
14	8.722	1122	1128	1132	rVV5	60843	143344	3.36%	0.287%
15	8.758	1132	1134	1137	rVV	92377	110099	2.58%	0.221%
16	8.834	1143	1147	1152	rVB3	178210	240609	5.65%	0.482%
17	8.893	1152	1157	1160	rBV	133878	177002	4.15%	0.355%
18	9.187	1195	1207	1210	rBV	931470	1404335	32.96%	2.815%
19	9.310	1222	1228	1233	rVV	974471	1117937	26.24%	2.241%
20	9.363	1233	1237	1241	rVB4	108925	158144	3.71%	0.317%
21	9.587	1271	1275	1286	rVB2	225477	413534	9.71%	0.829%
22	9.769	1302	1306	1312	rVV6	183738	292176	6.86%	0.586%
23	9.828	1312	1316	1322	rVB5	103620	159522	3.74%	0.320%
24	9.910	1324	1330	1331	rBV2	130208	210342	4.94%	0.422%
25	9.934	1331	1334	1341	rVB4	181977	407867	9.57%	0.818%
26	10.010	1341	1347	1353	rVB3	298800	439229	10.31%	0.881%
27	10.087	1353	1360	1364	rBV2	336561	493947	11.59%	0.990%
28	10.199	1377	1379	1391	rVB6	44254	133123	3.12%	0.267%
29	10.299	1391	1396	1397	rBV3	98349	135725	3.19%	0.272%
30	10.334	1397	1402	1408	rVV2	410070	765169	17.96%	1.534%
31	10.393	1408	1412	1416	rVV	1124616	1335173	31.34%	2.677%
32	10.434	1416	1419	1426	rVB3	131241	196634	4.61%	0.394%
33	10.522	1430	1434	1440	rVV	410058	475246	11.15%	0.953%
34	10.675	1456	1460	1463	rBV2	223382	274122	6.43%	0.550%

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Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.710	1463	1466	1469	rVV3	91455	107100	2.51%	0.215%
36	10.746	1469	1472	1475	rVV3	82766	104638	2.46%	0.210%
37	10.804	1478	1482	1488	rVV4	107432	221796	5.21%	0.445%
38	10.869	1488	1493	1497	rVV2	212630	300819	7.06%	0.603%
39	10.910	1497	1500	1502	rVV2	117378	157360	3.69%	0.315%
40	10.987	1506	1513	1517	rVV5	202896	388467	9.12%	0.779%
41	11.040	1517	1522	1527	rVB4	213554	298924	7.02%	0.599%
42	11.116	1528	1535	1539	rVV3	453861	741803	17.41%	1.487%
43	11.175	1541	1545	1549	rVB	327461	380042	8.92%	0.762%
44	11.269	1557	1561	1566	rVB4	104320	182829	4.29%	0.367%
45	11.328	1566	1571	1573	rBV3	78100	138238	3.24%	0.277%
46	11.393	1577	1582	1586	rVV	1213330	1536595	36.06%	3.080%
47	11.428	1586	1588	1591	rVB2	192770	187493	4.40%	0.376%
48	11.499	1596	1600	1605	rVV6	134799	220442	5.17%	0.442%
49	11.551	1606	1609	1613	rVB2	143214	183722	4.31%	0.368%
50	11.657	1623	1627	1631	rVB6	99720	151145	3.55%	0.303%
51	11.704	1631	1635	1640	rBV2	292044	436245	10.24%	0.875%
52	11.857	1657	1661	1663	rVV2	130596	200114	4.70%	0.401%
53	11.881	1663	1665	1671	rVV4	204178	327932	7.70%	0.657%
54	11.934	1671	1674	1678	rVV3	183882	224019	5.26%	0.449%
55	11.993	1680	1684	1691	rVV2	156222	218722	5.13%	0.438%
56	12.057	1691	1695	1698	rVV4	216919	276023	6.48%	0.553%
57	12.122	1698	1706	1709	rVB	1462416	2104973	49.40%	4.220%
58	12.322	1736	1740	1745	rBV	917478	1204837	28.28%	2.415%
59	12.363	1745	1747	1750	rVV	166523	180874	4.25%	0.363%
60	12.404	1750	1754	1764	rVB5	83754	201089	4.72%	0.403%
61	12.634	1790	1793	1799	rBV5	77619	142587	3.35%	0.286%
62	12.751	1809	1813	1815	rVV3	73107	123128	2.89%	0.247%
63	12.781	1815	1818	1821	rVV2	182742	238026	5.59%	0.477%
64	12.828	1822	1826	1828	rVV4	171133	262967	6.17%	0.527%
65	12.851	1828	1830	1833	rVV2	235925	289245	6.79%	0.580%
66	12.881	1833	1835	1841	rVB	155277	191191	4.49%	0.383%
67	13.198	1884	1889	1893	rBV	1064666	1237240	29.04%	2.480%
68	13.375	1915	1919	1923	rVB	413800	468880	11.00%	0.940%
69	13.622	1958	1961	1967	rVB3	79363	107341	2.52%	0.215%
70	13.722	1974	1978	1982	rVV4	99495	163236	3.83%	0.327%
71	13.781	1985	1988	1995	rVB2	74854	104278	2.45%	0.209%

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72	14.022	2025	2029	2034	rBV	405784	431918	10.14%	0.866%
73	14.387	2085	2091	2095	rVB	85075	145843	3.42%	0.292%
74	14.492	2101	2109	2116	rBV	1091345	1448270	33.99%	2.903%
75	14.804	2157	2162	2165	rBV	241983	315759	7.41%	0.633%
76	14.969	2186	2190	2193	rBV	202621	213831	5.02%	0.429%
77	15.516	2279	2283	2287	rVV	164865	177258	4.16%	0.355%
78	15.598	2293	2297	2300	rVV	378711	428105	10.05%	0.858%
79	16.157	2388	2392	2394	rBV	130710	138989	3.26%	0.279%
80	16.298	2411	2416	2420	rVB	1188763	1222076	28.68%	2.450%
81	16.492	2445	2449	2454	rBV2	169918	230040	5.40%	0.461%
82	16.739	2488	2491	2496	rVB	116876	123741	2.90%	0.248%
83	17.263	2574	2580	2582	rBV	2834020	3317782	77.87%	6.651%
84	17.298	2582	2586	2588	rVV	3852073	4260869	100.00%	8.542%
85	17.316	2588	2589	2592	rVV	271765	232846	5.46%	0.467%
86	17.345	2592	2594	2601	rVB	126435	135619	3.18%	0.272%
87	17.410	2601	2605	2608	rBV	466014	481465	11.30%	0.965%
88	17.475	2613	2616	2624	rVB	159206	209143	4.91%	0.419%
89	17.651	2642	2646	2650	rVB	117622	136104	3.19%	0.273%
90	17.886	2681	2686	2690	rVB	1847042	1931313	45.33%	3.872%
91	18.269	2744	2751	2763	rVB5	119418	264239	6.20%	0.530%
92	18.375	2765	2769	2778	rBV4	57105	113513	2.66%	0.228%
93	19.116	2891	2895	2901	rBV2	145595	256721	6.03%	0.515%
94	19.245	2911	2917	2920	rBV2	428562	526650	12.36%	1.056%
95	19.927	3030	3033	3041	rVB	109135	138447	3.25%	0.278%
96	20.304	3093	3097	3102	rBV	114996	127283	2.99%	0.255%
97	20.698	3160	3164	3168	rBV	116903	145263	3.41%	0.291%
98	21.016	3214	3218	3226	rVB	288993	416291	9.77%	0.835%
99	21.139	3235	3239	3245	rVB	97818	141299	3.32%	0.283%
100	21.633	3320	3323	3329	rVB2	76017	124394	2.92%	0.249%

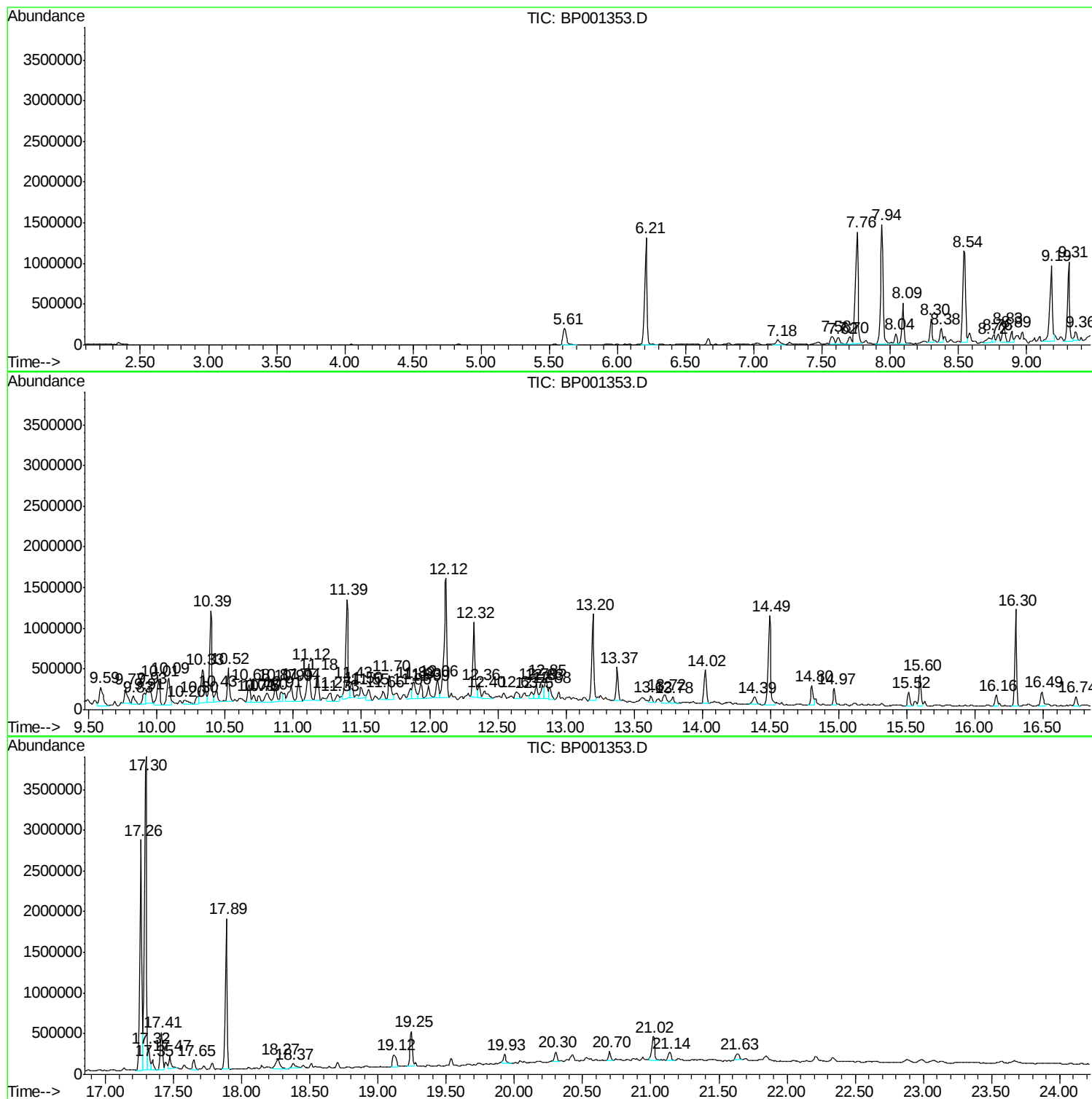
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Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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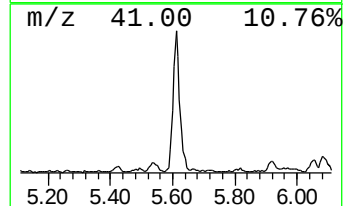
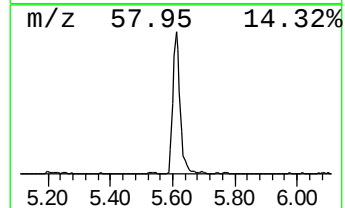
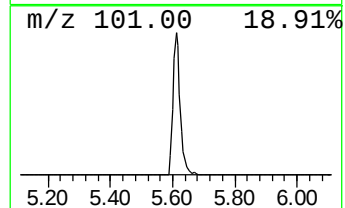
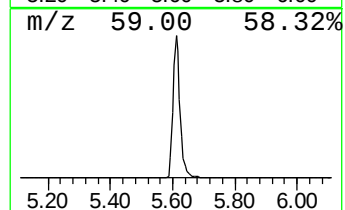
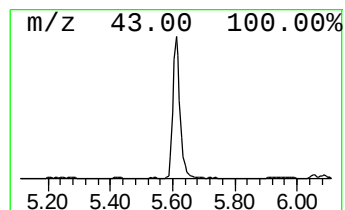
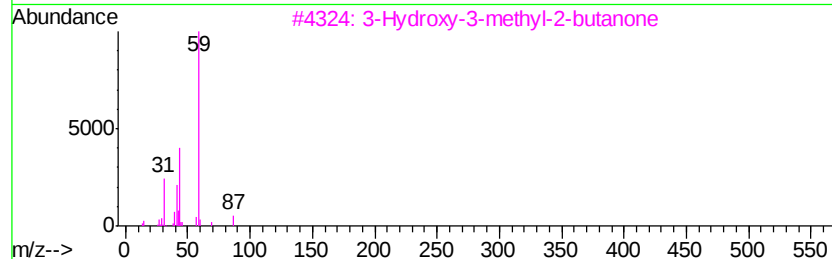
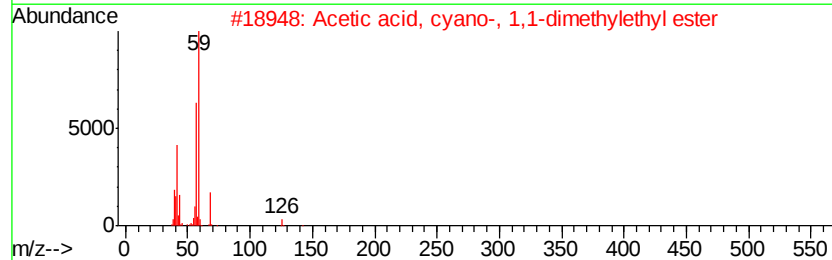
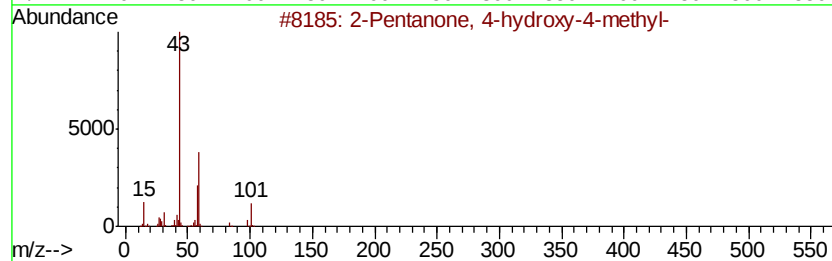
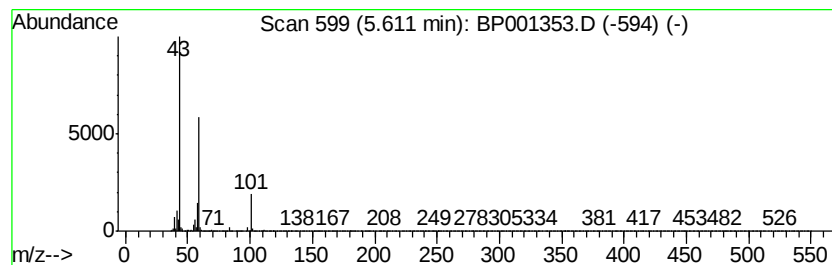
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.61	19.76 ng	317068	1,4-Dichlorobenzene-d4	8.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	32
3		3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	23
4		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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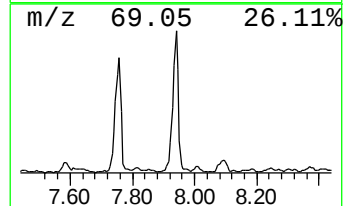
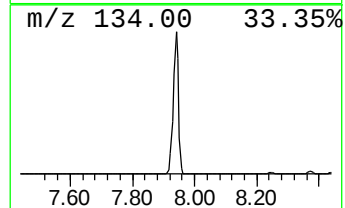
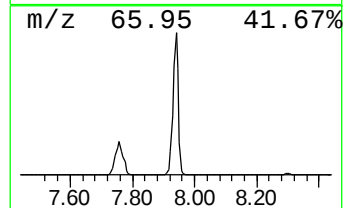
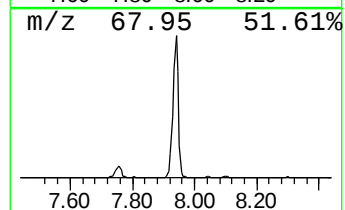
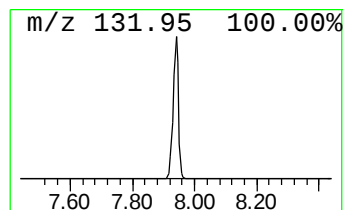
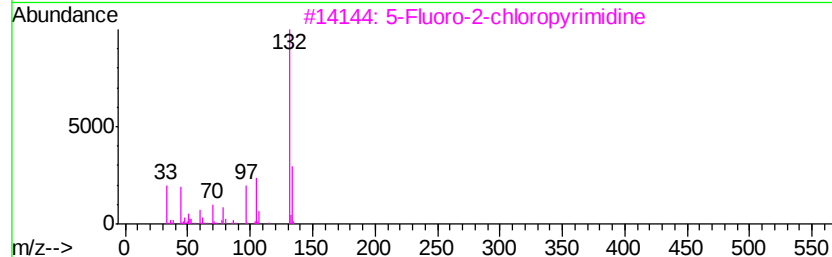
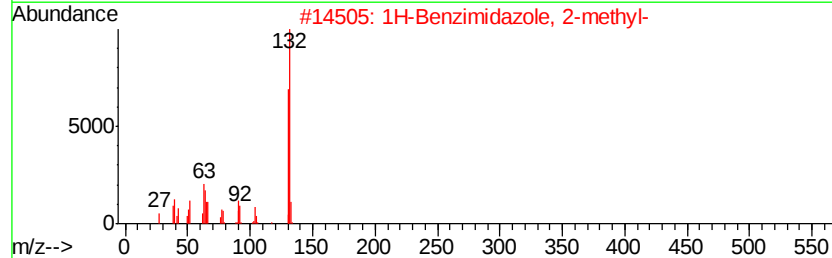
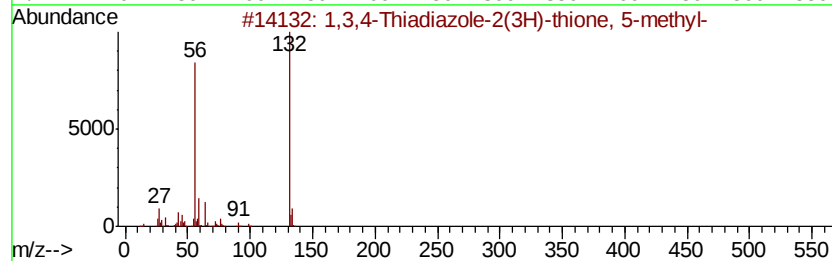
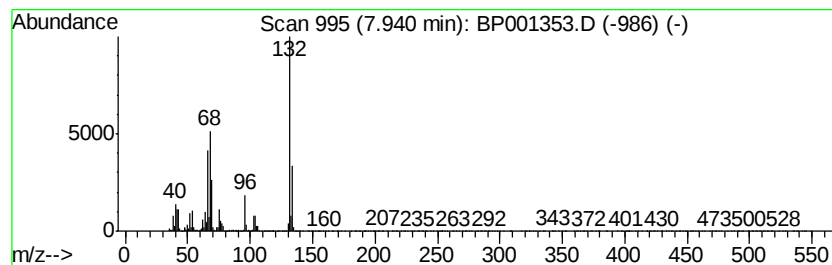
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown7.94 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.94	120.11 ng	1927280	1,4-Dichlorobenzene-d4	8.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	10
4		Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
5		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	10



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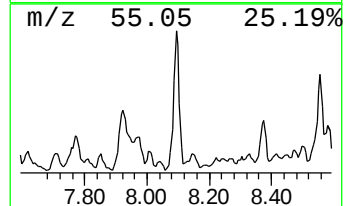
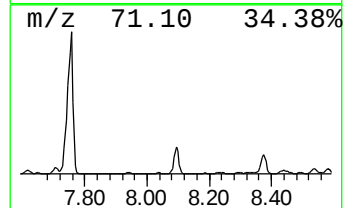
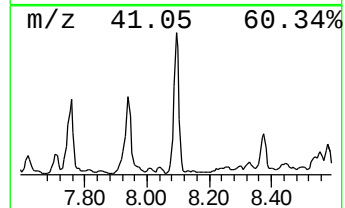
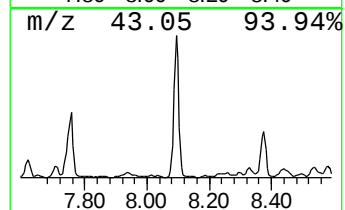
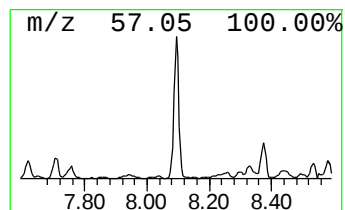
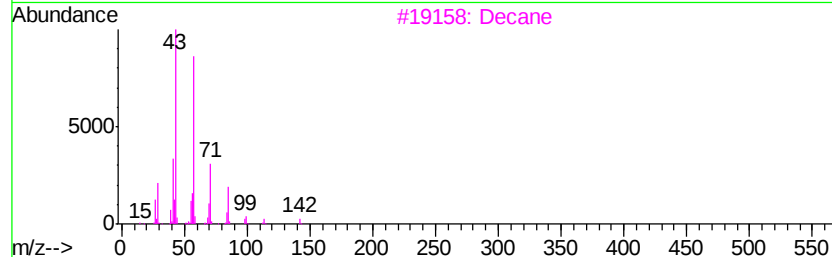
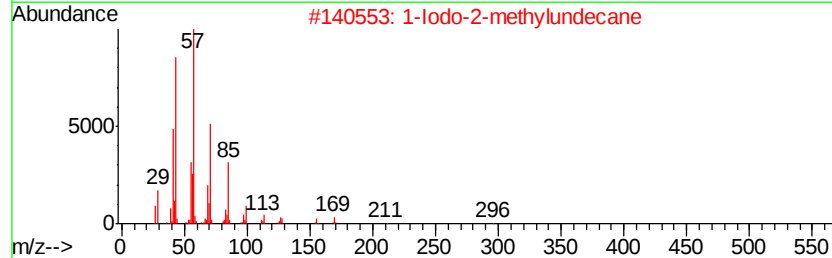
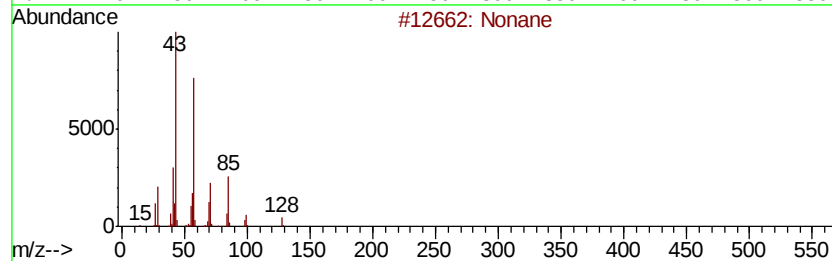
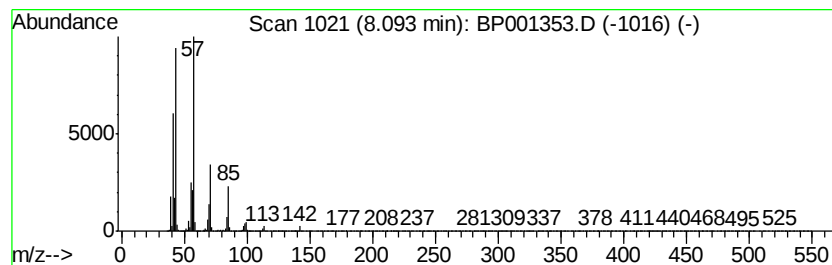
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Nonane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	36.63 ng	587697	1,4-Dichlorobenzene-d4	8.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane	128	C9H20	000111-84-2	91
2		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	91
3		Decane	142	C10H22	000124-18-5	90
4		Undecane	156	C11H24	001120-21-4	87
5		Octadecane	254	C18H38	000593-45-3	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
Data File : BP001353.D
Acq On : 20 Dec 2019 20:14
Operator : JU
Sample : K6107-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-06-121819

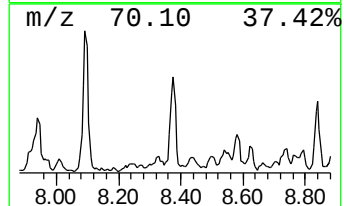
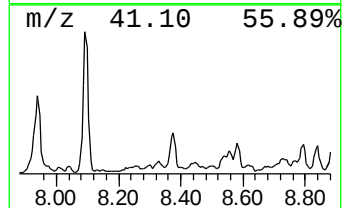
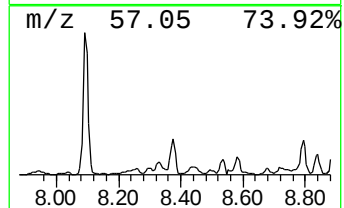
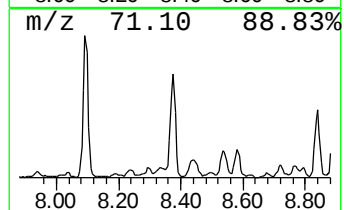
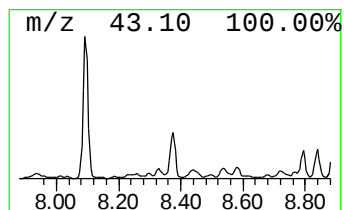
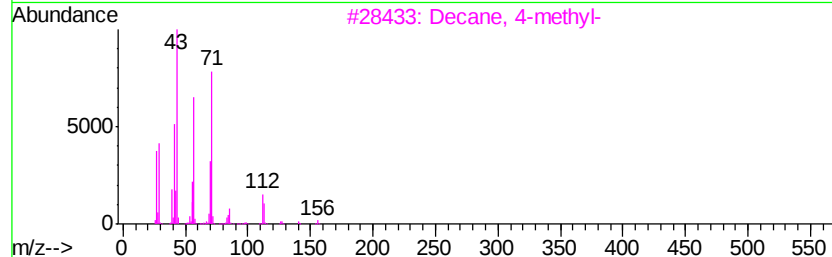
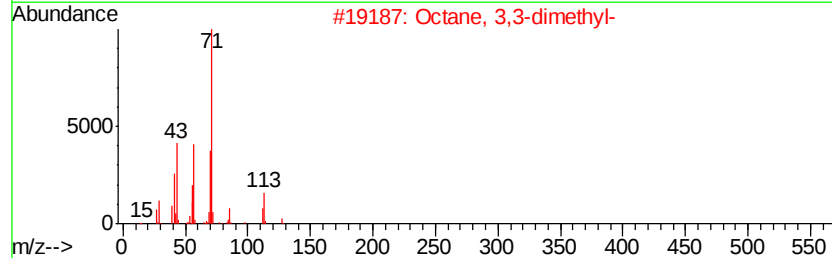
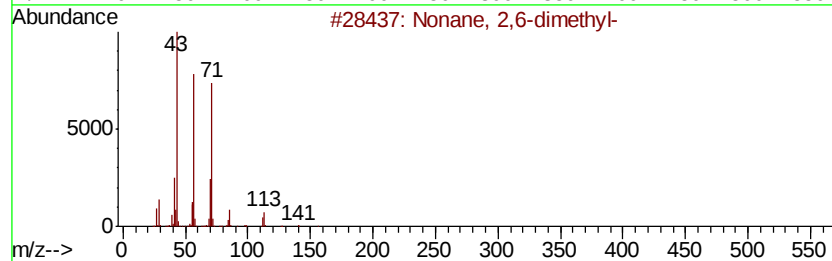
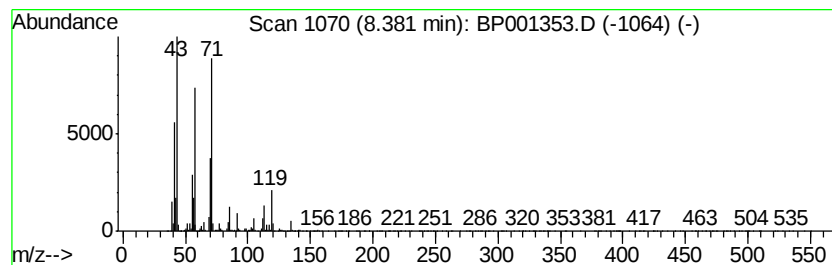
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Nonane, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	11.66 ng	187090	1,4-Dichlorobenzene-d4	8.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	76
2		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	59
3		Decane, 4-methyl-	156	C11H24	002847-72-5	59
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58
5		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
Data File : BP001353.D
Acq On : 20 Dec 2019 20:14
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ClientSampleId :
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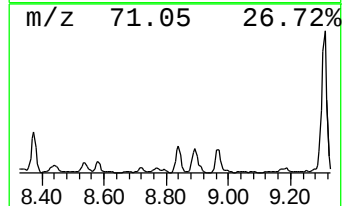
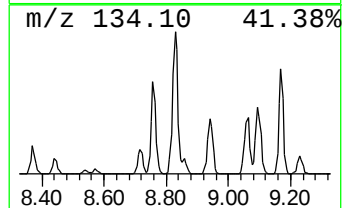
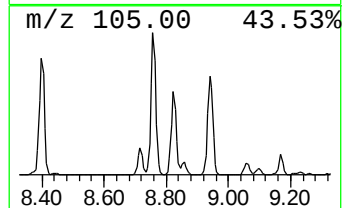
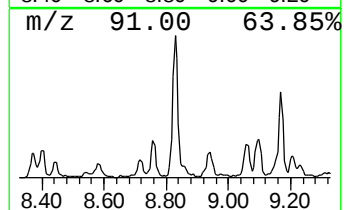
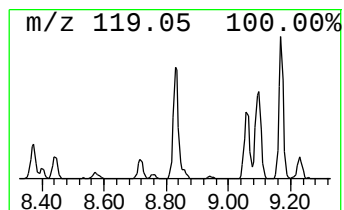
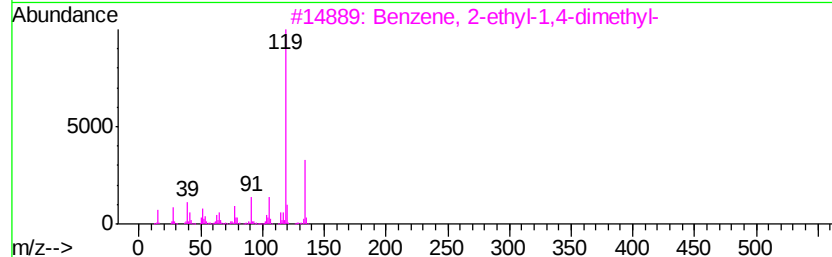
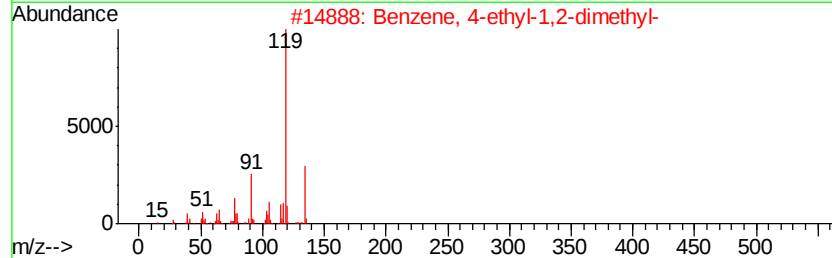
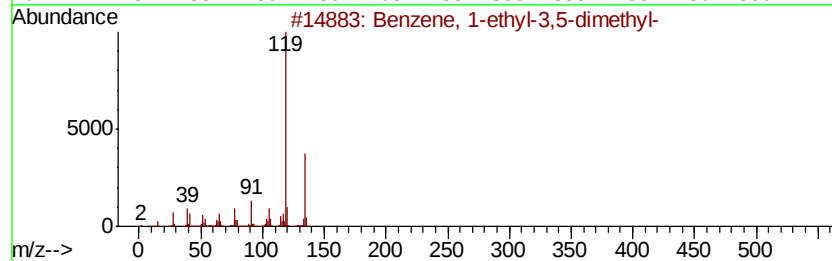
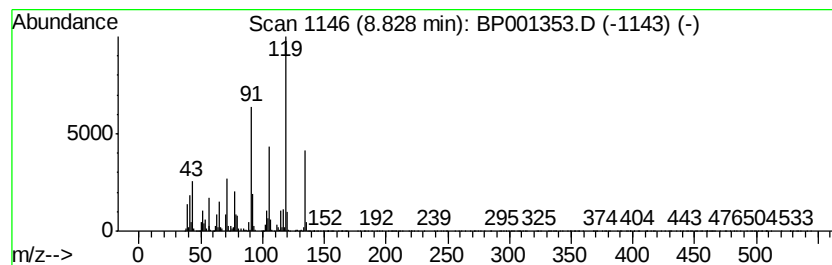
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	14.99 ng	240609	1,4-Dichlorobenzene-d4	8.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	92
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	83
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
Data File : BP001353.D
Acq On : 20 Dec 2019 20:14
Operator : JU
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Misc :
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Instrument :
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ClientSampleId :
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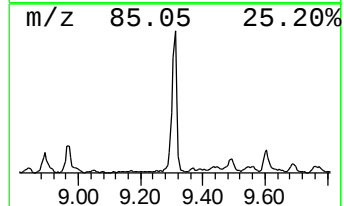
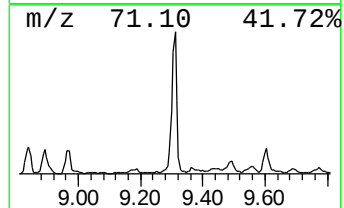
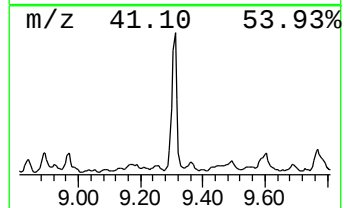
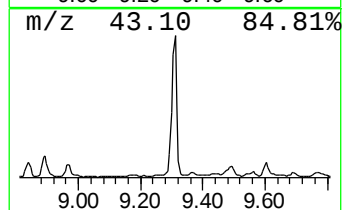
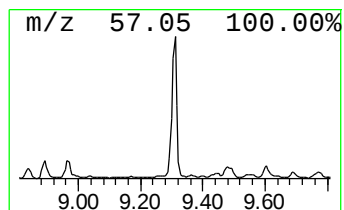
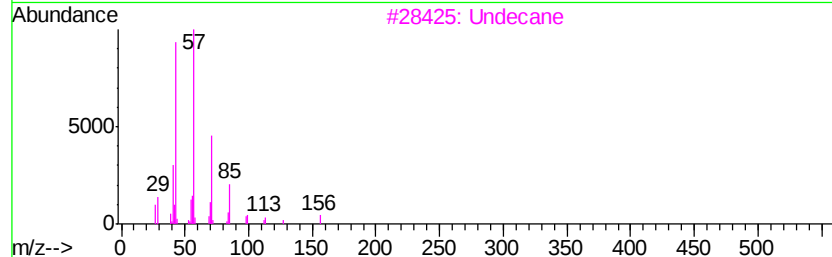
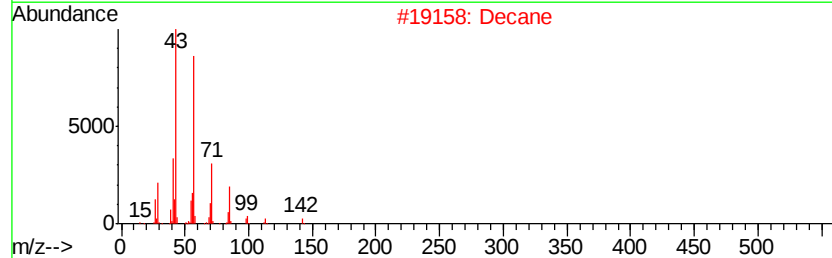
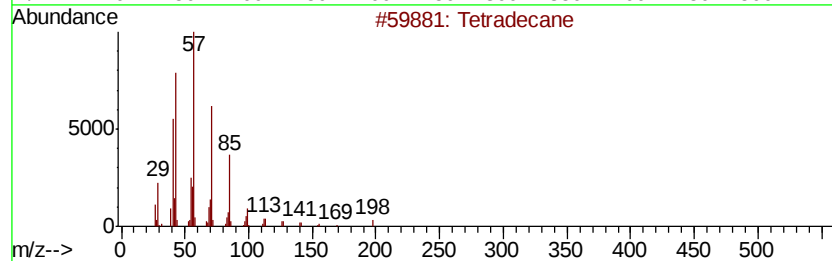
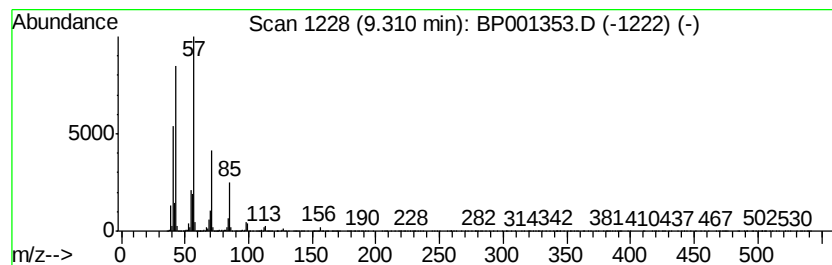
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	69.67 ng	1117940	1,4-Dichlorobenzene-d4	8.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	94
2		Decane	142	C10H22	000124-18-5	91
3		Undecane	156	C11H24	001120-21-4	91
4		Tridecane	184	C13H28	000629-50-5	86
5		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	83



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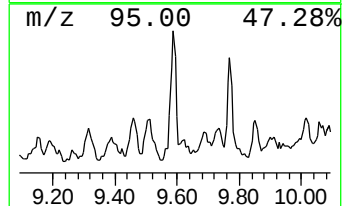
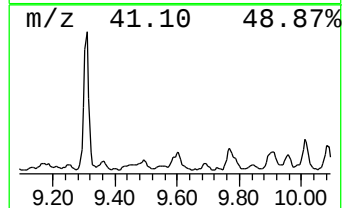
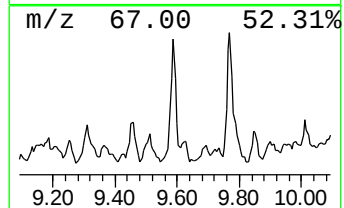
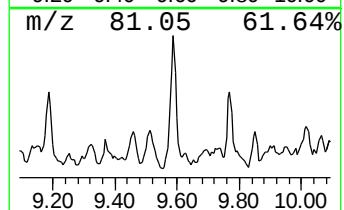
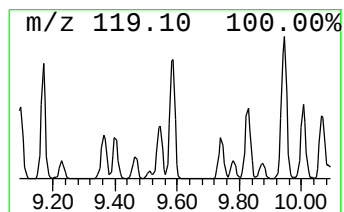
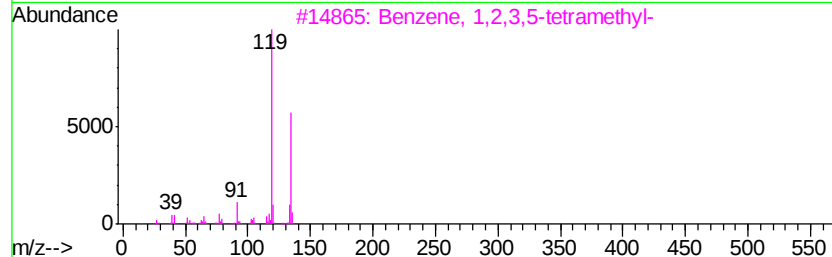
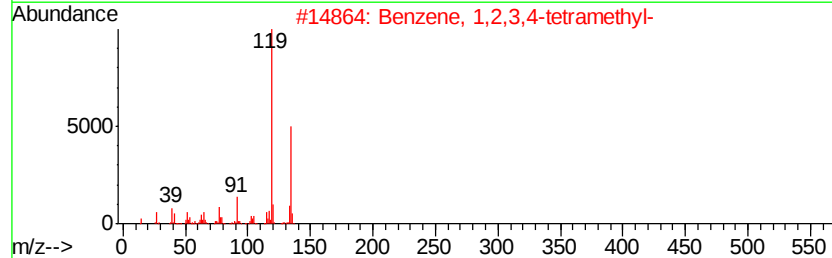
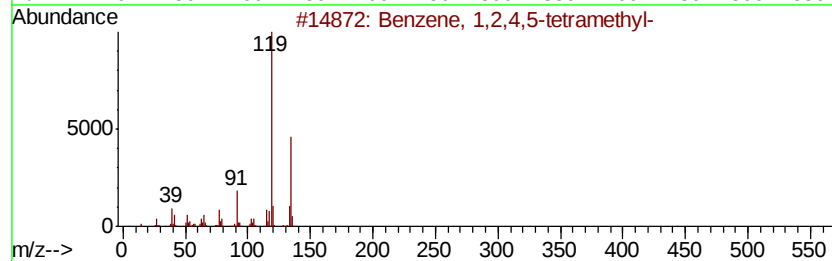
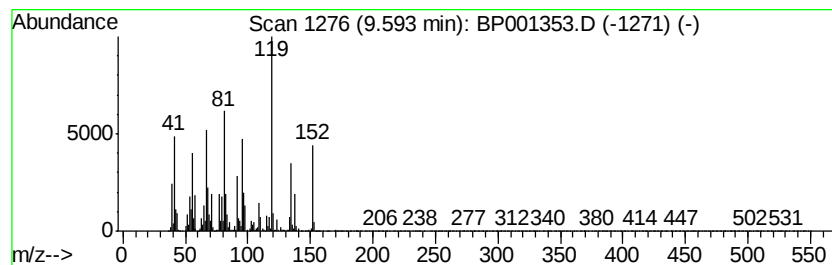
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	10.81 ng	413534	Naphthalene-d8	10.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	87
5		o-Cymene	134	C10H14	000527-84-4	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
Data File : BP001353.D
Acq On : 20 Dec 2019 20:14
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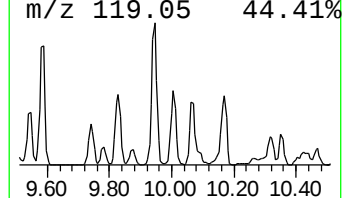
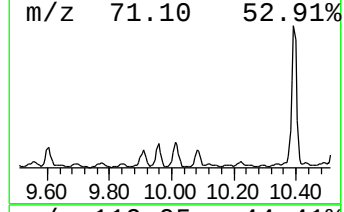
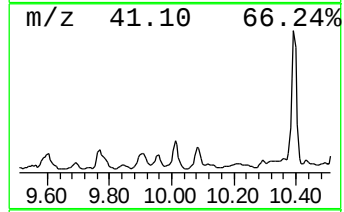
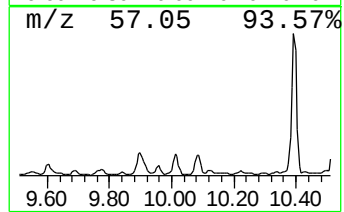
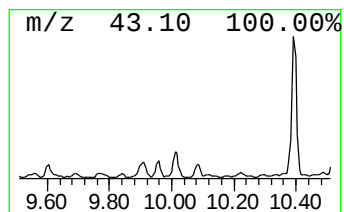
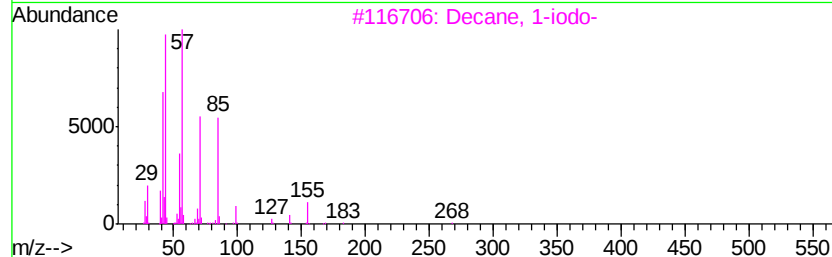
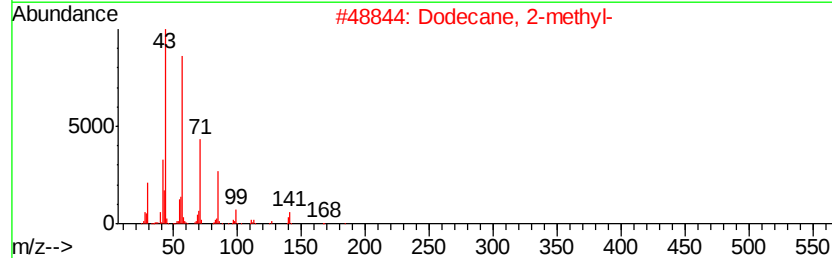
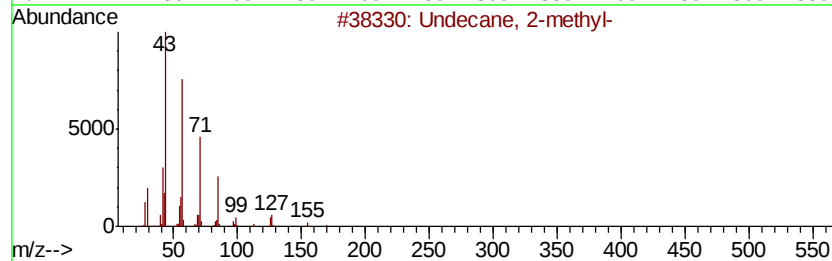
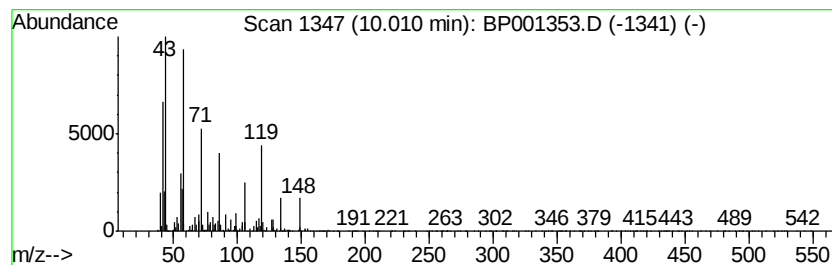
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Undecane, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.01	11.48 ng	439229	Naphthalene-d8	10.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2-methyl-	170	C12H26	007045-71-8	55
2		Dodecane, 2-methyl-	184	C13H28	001560-97-0	47
3		Decane, 1-iodo-	268	C10H21I	002050-77-3	46
4		Octane, 4-methyl-	128	C9H20	002216-34-4	46
5		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	43



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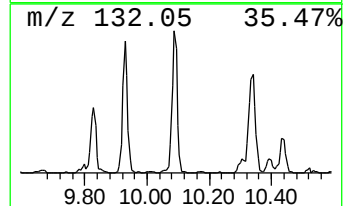
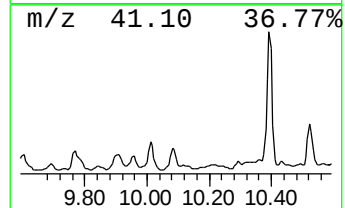
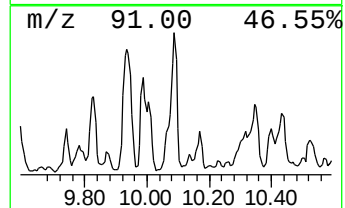
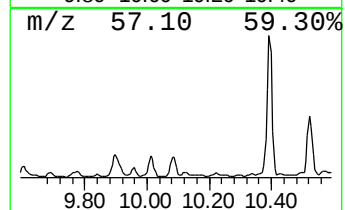
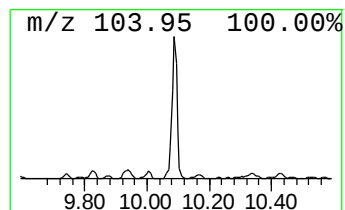
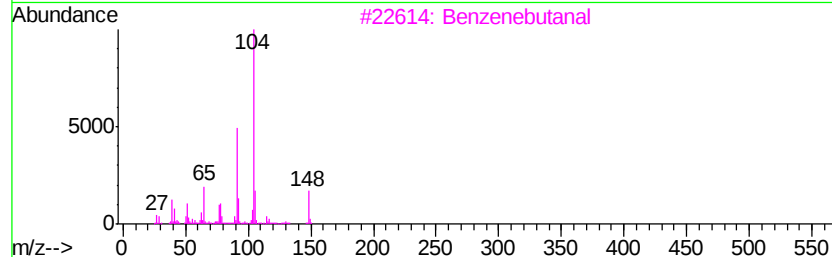
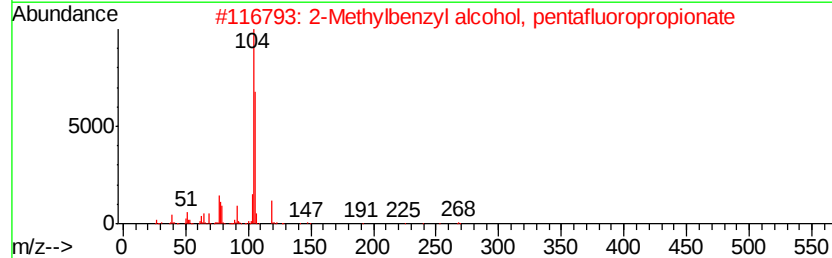
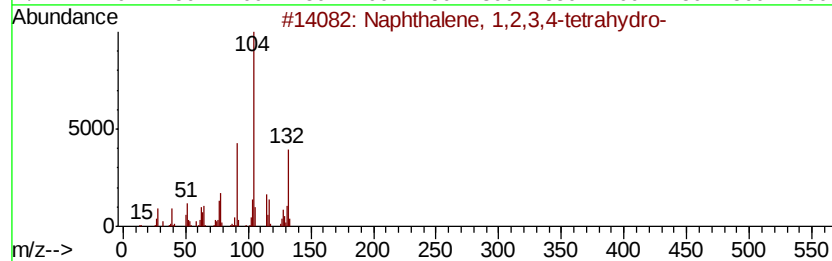
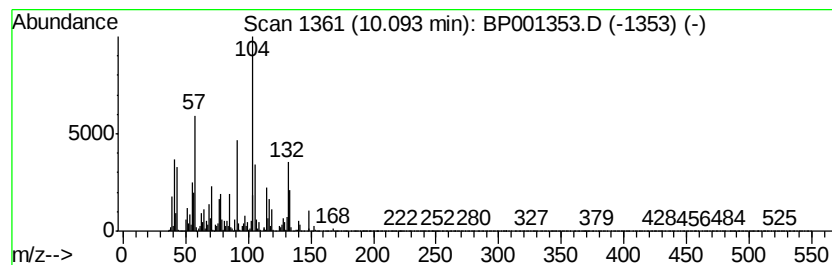
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,2,3,4-tetra... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	12.91 ng	493947	Naphthalene-d8	10.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	50
2		2-Methylbenzyl alcohol, pentaflu...	268	C11H9F5O2	1000364-54-1	42
3		Benzenebutanal	148	C10H12O	018328-11-5	25
4		Benzeneethanol, .alpha.,.alpha.-...	162	C11H14O	025982-72-3	25
5		Pentafluoropropionic acid, 2-phe...	268	C11H9F5O2	081089-48-7	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
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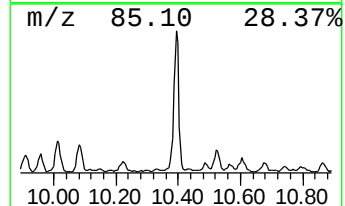
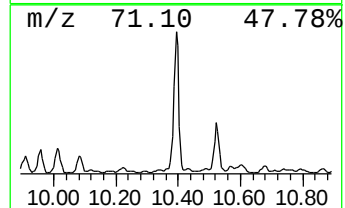
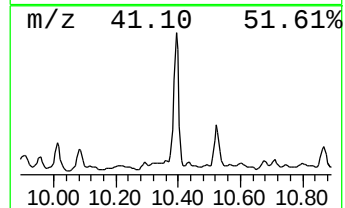
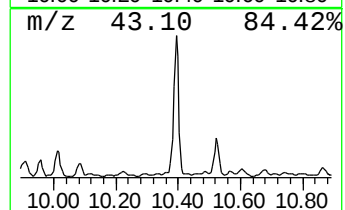
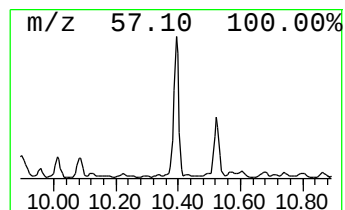
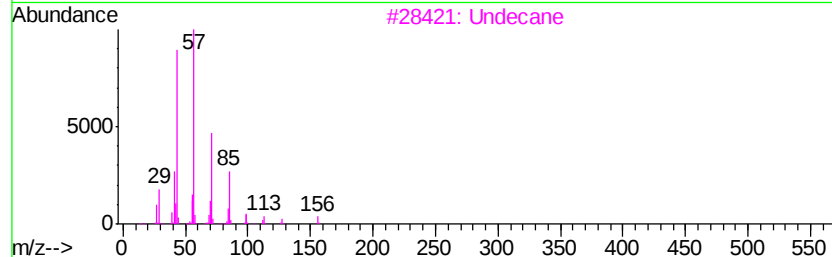
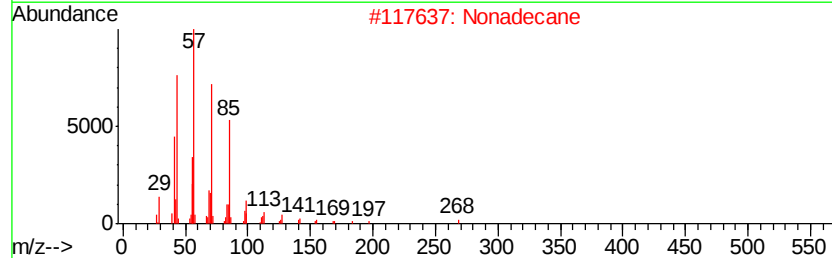
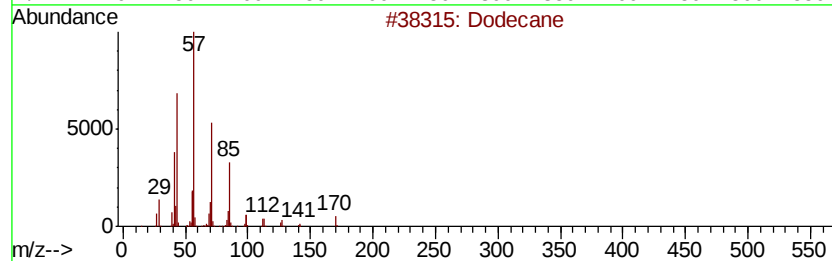
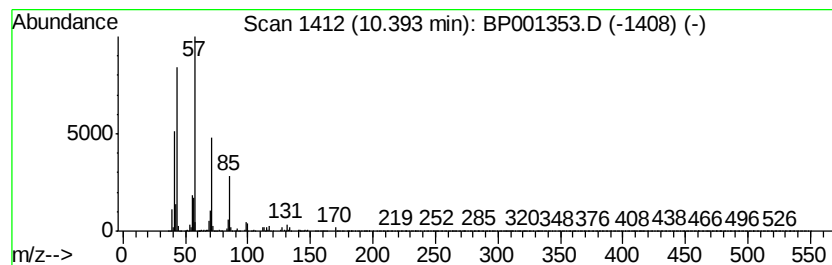
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ClientSampleId :
HR-06-121819

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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 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.39	34.90 ng	1335170	Napthalene-d8	10.33
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane	170 C12H26	000112-40-3	94
2	Nonadecane	268 C19H40	000629-92-5	91
3	Undecane	156 C11H24	001120-21-4	91
4	Hexadecane	226 C16H34	000544-76-3	90
5	Decane, 3,6-dimethyl-	170 C12H26	017312-53-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
Data File : BP001353.D
Acq On : 20 Dec 2019 20:14
Operator : JU
Sample : K6107-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HR-06-121819

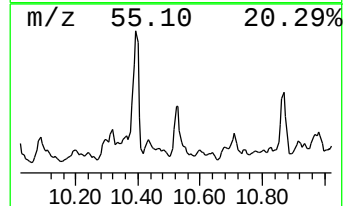
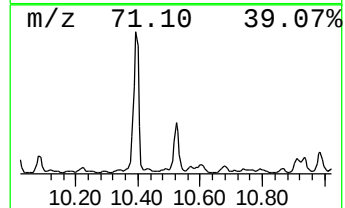
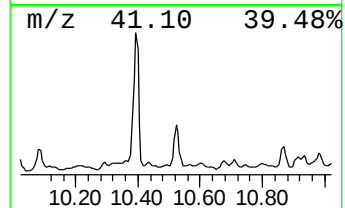
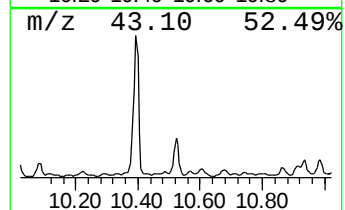
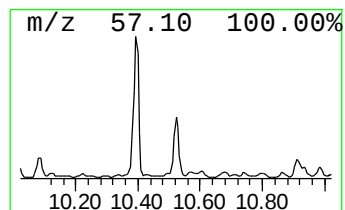
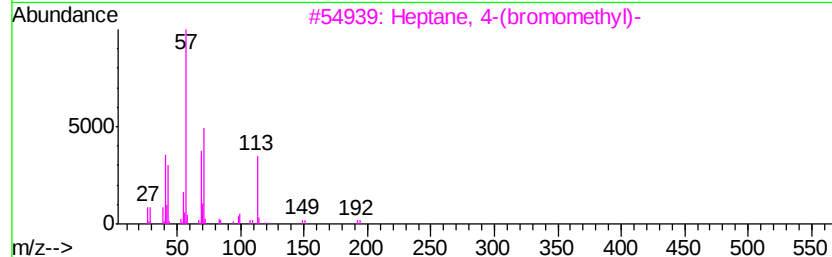
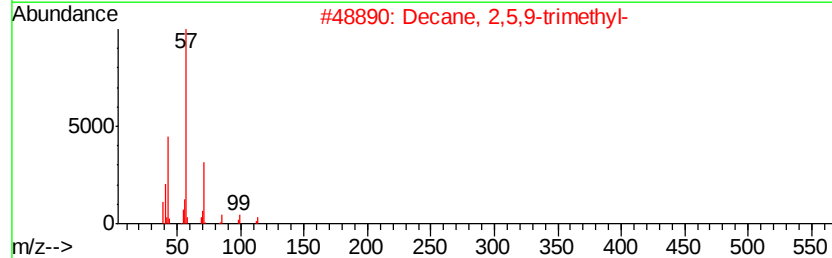
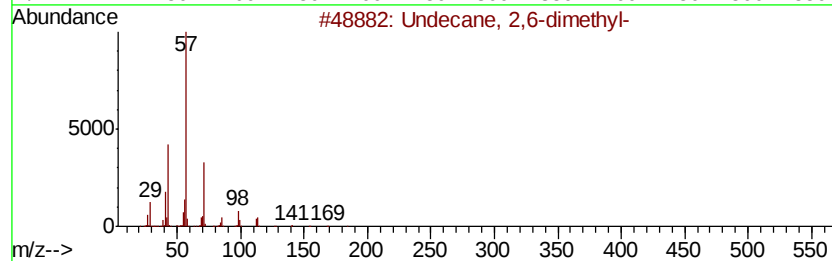
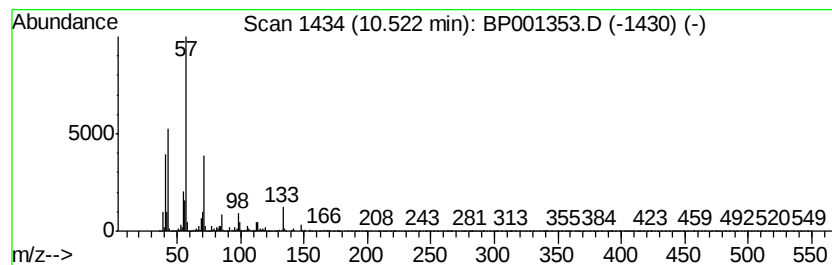
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Undecane, 2,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	12.42 ng	475246	Naphthalene-d8	10.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94
2		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	59
3		Heptane, 4-(bromomethyl)-	192	C8H17Br	101654-29-9	53
4		Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	53
5		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
Data File : BP001353.D
Acq On : 20 Dec 2019 20:14
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Misc :
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Instrument :
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ClientSampleId :
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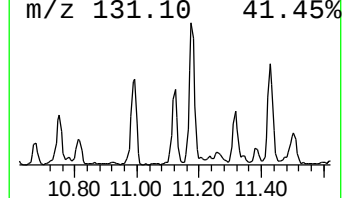
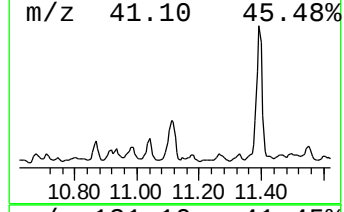
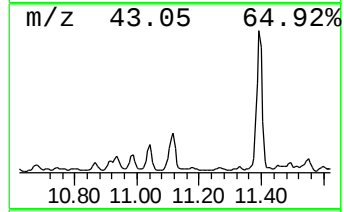
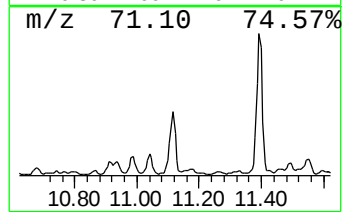
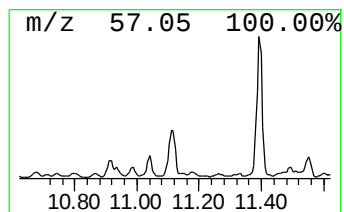
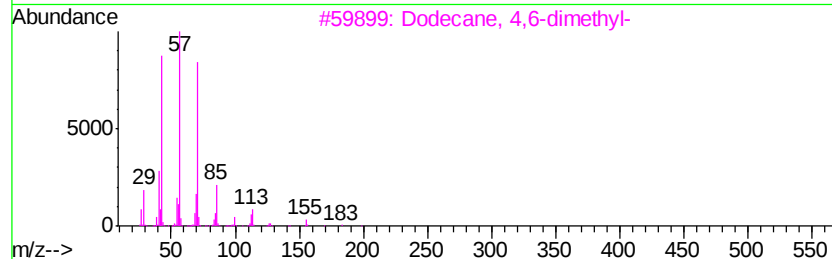
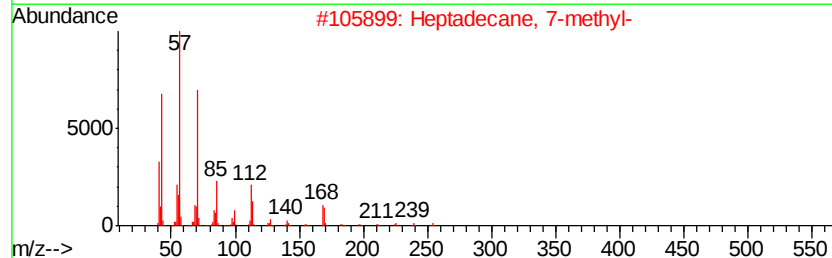
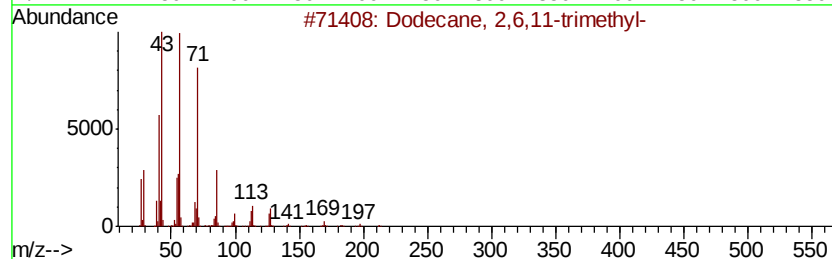
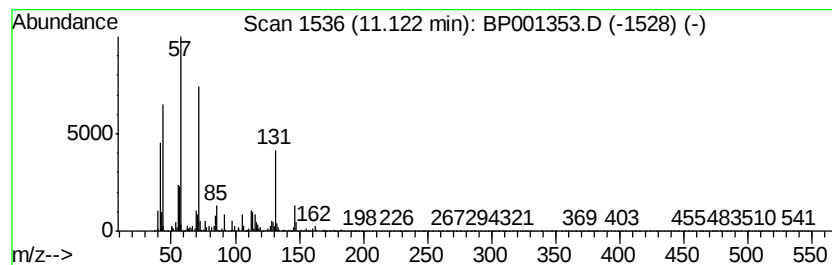
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Dodecane, 2,6,11-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	19.39 ng	741803	Naphthalene-d8	10.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
2		Heptadecane, 7-methyl-	254	C18H38	020959-33-5	64
3		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	55
4		Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	52
5		Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
Data File : BP001353.D
Acq On : 20 Dec 2019 20:14
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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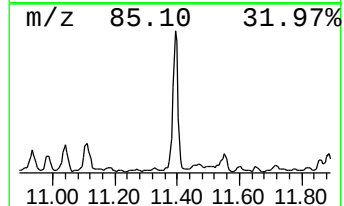
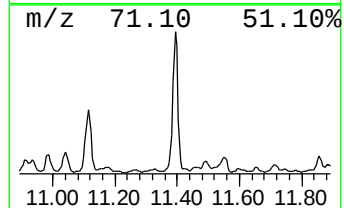
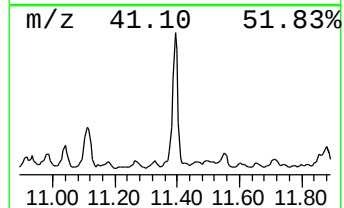
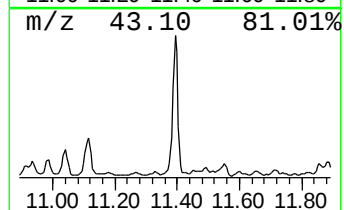
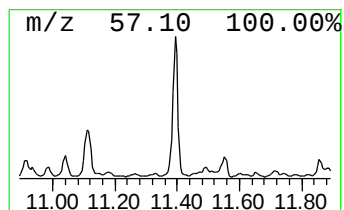
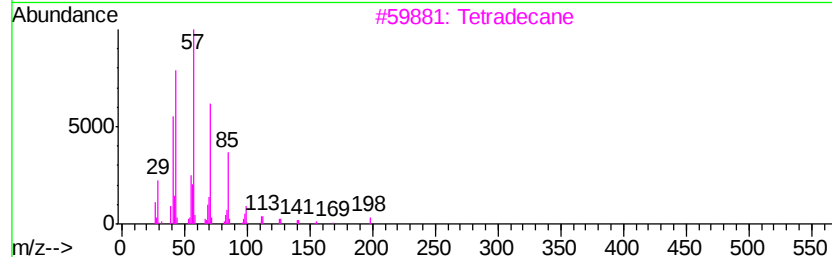
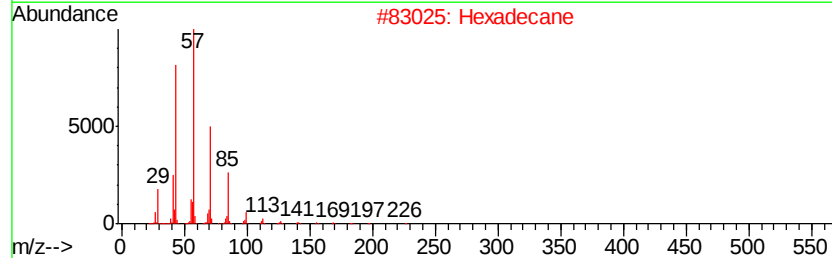
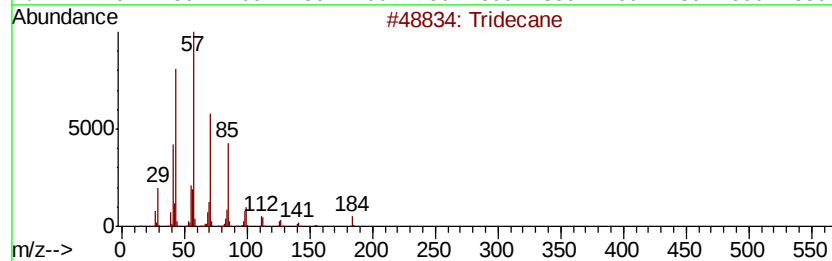
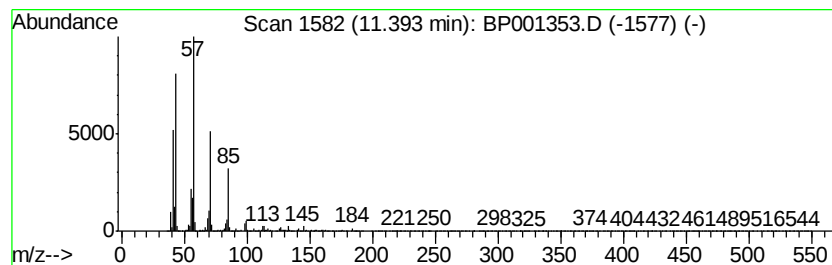
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tridecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	40.16 ng	1536600	Naphthalene-d8	10.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	97
2		Hexadecane	226	C16H34	000544-76-3	90
3		Tetradecane	198	C14H30	000629-59-4	90
4		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	78
5		Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
Data File : BP001353.D
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Misc :
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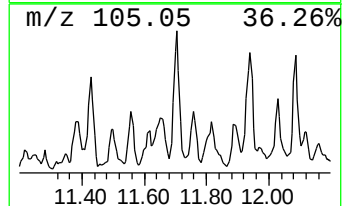
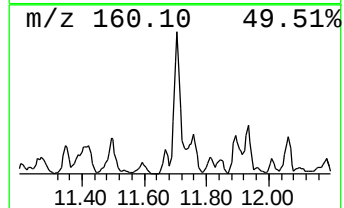
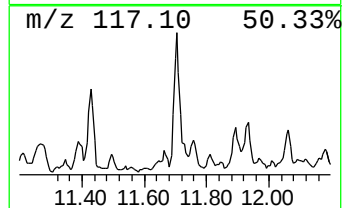
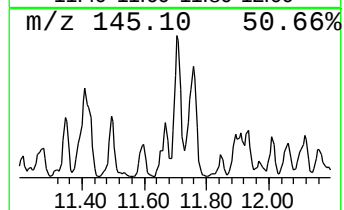
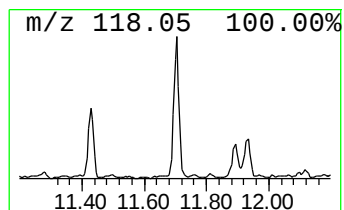
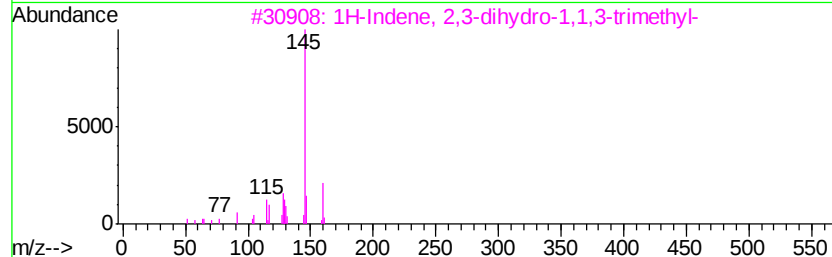
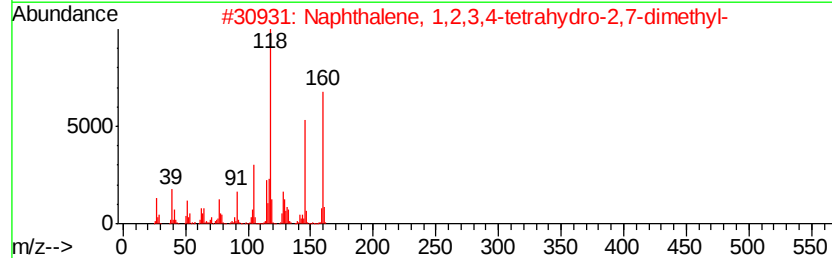
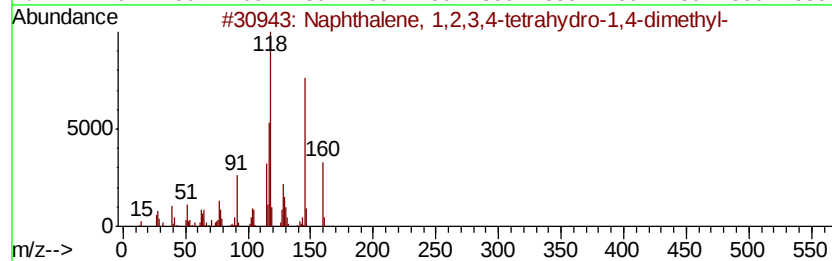
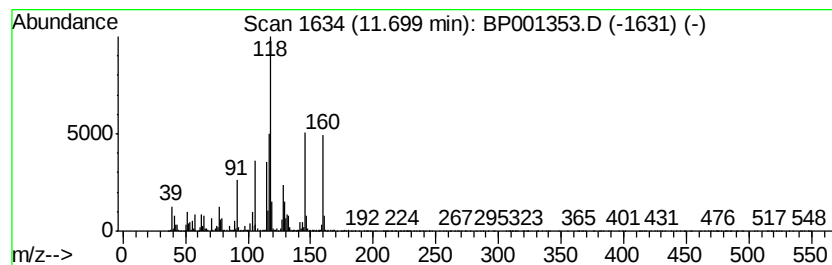
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1,2,3,4-tetra... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	11.40 ng	436245	Naphthalene-d8	10.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	93
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	91
3		1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	87
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	81
5		Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
Data File : BP001353.D
Acq On : 20 Dec 2019 20:14
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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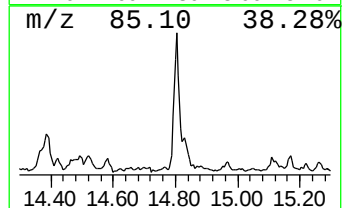
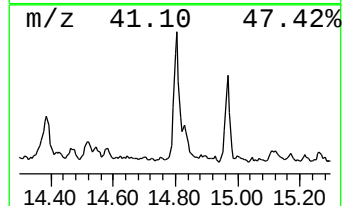
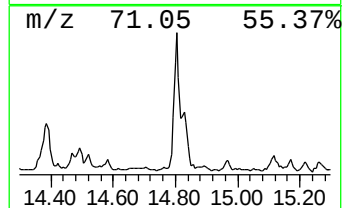
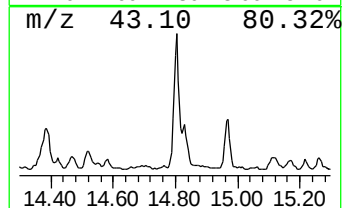
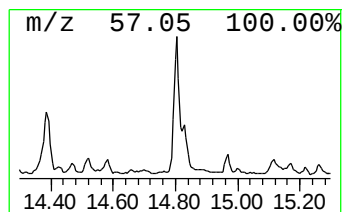
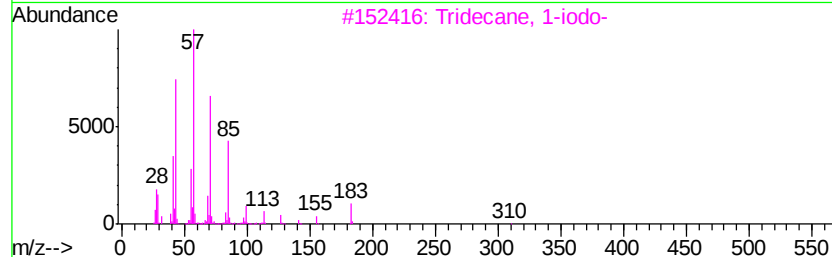
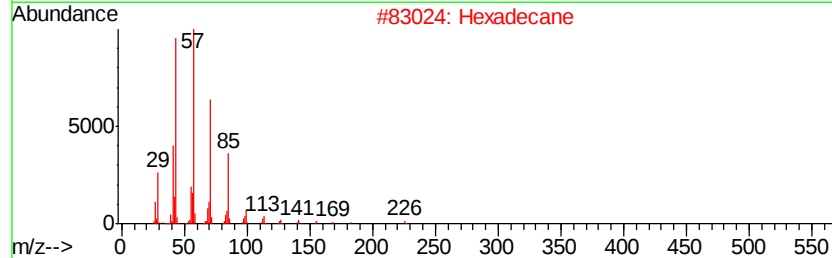
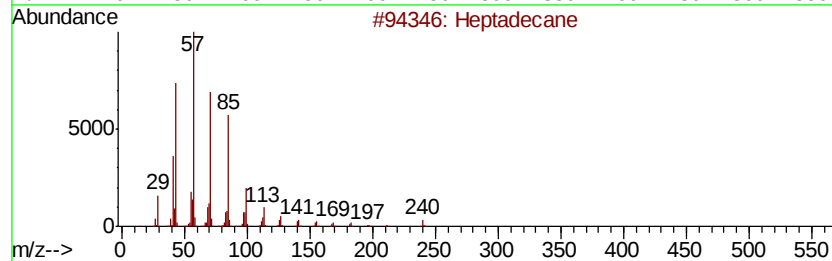
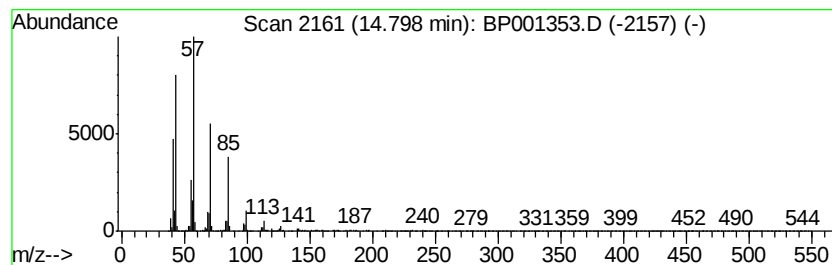
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heptadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	14.75 ng	315759	Phenanthrene-d10	15.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	97
2		Hexadecane	226	C16H34	000544-76-3	95
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
4		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	91
5		Hexatriacontane	507	C36H74	000630-06-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
Data File : BP001353.D
Acq On : 20 Dec 2019 20:14
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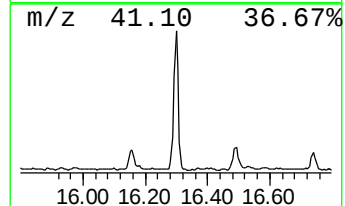
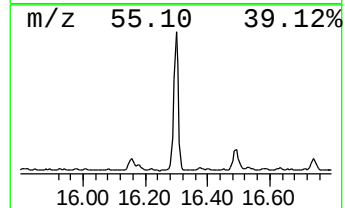
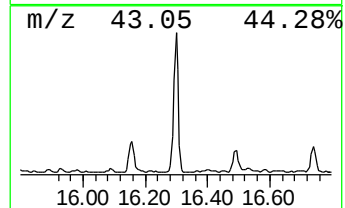
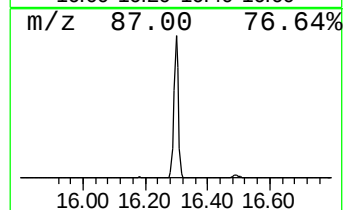
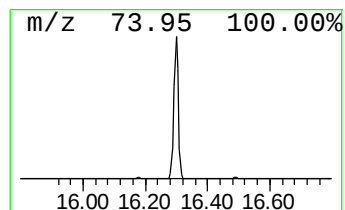
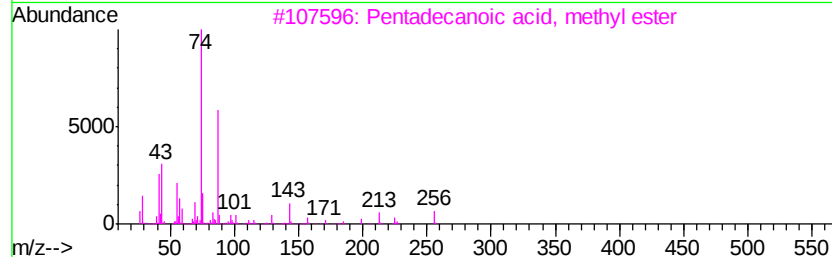
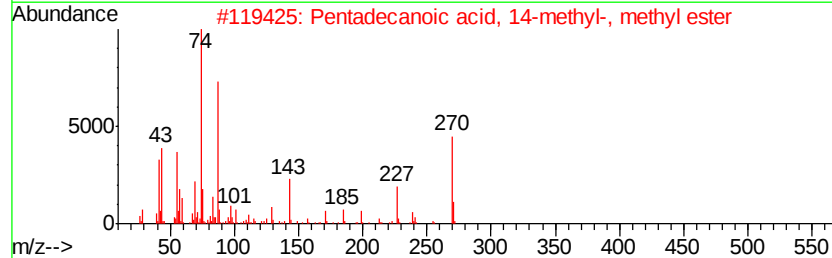
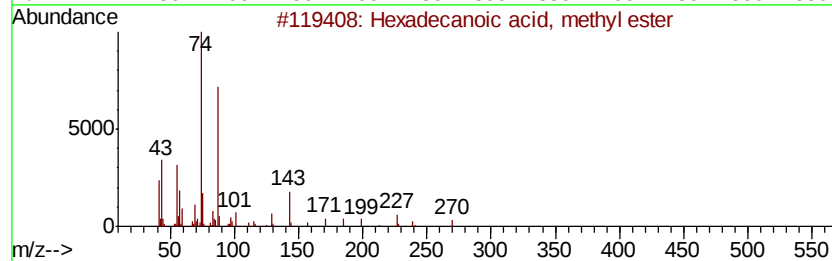
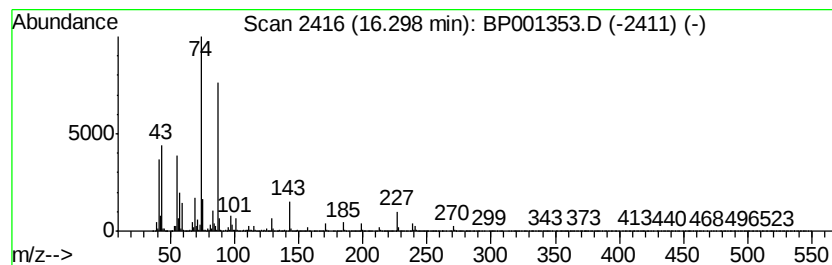
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	57.09 ng	1222080	Phenanthrene-d10	15.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
3		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87
4		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87
5		Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
Data File : BP001353.D
Acq On : 20 Dec 2019 20:14
Operator : JU
Sample : K6107-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-06-121819

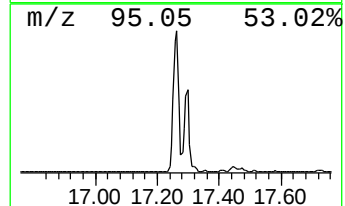
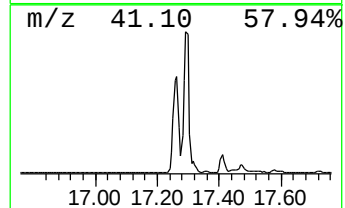
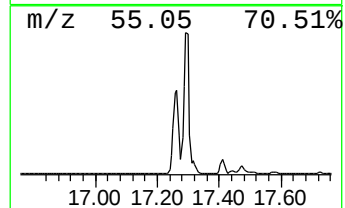
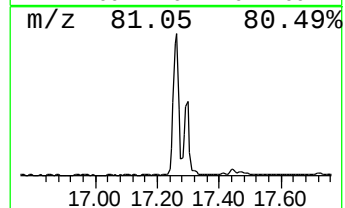
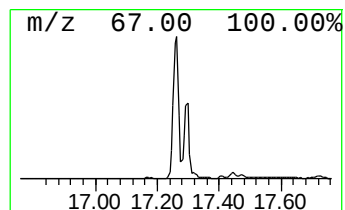
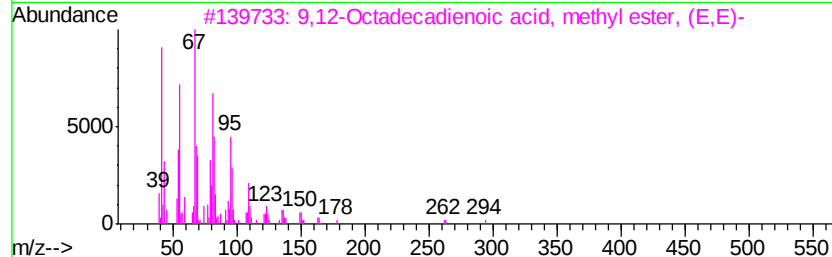
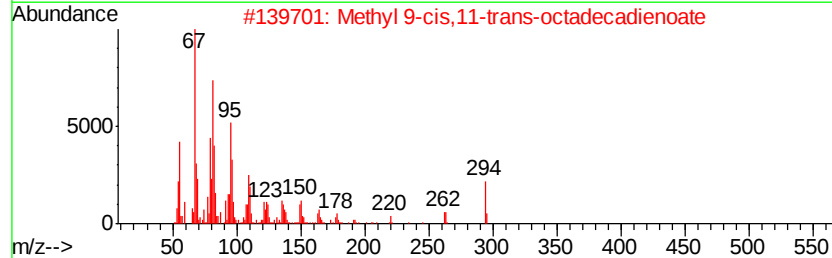
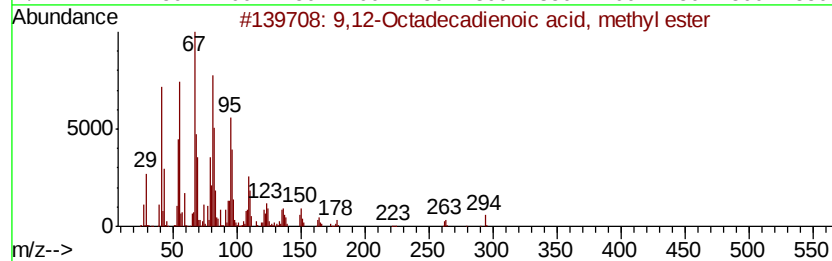
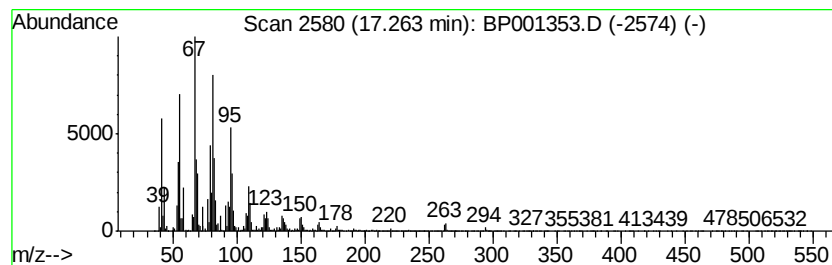
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.26	155.00 ng	3317780	Phenanthrene-d10	15.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2			Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
3			9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
4			9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	98
5			Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
Data File : BP001353.D
Acq On : 20 Dec 2019 20:14
Operator : JU
Sample : K6107-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HR-06-121819

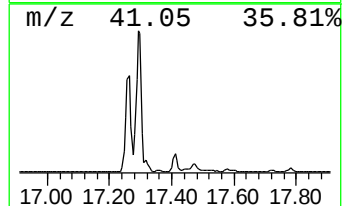
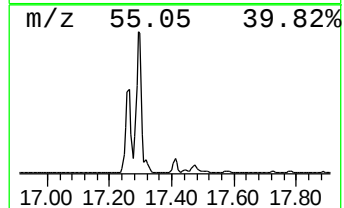
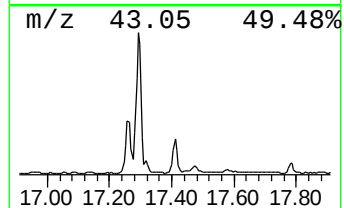
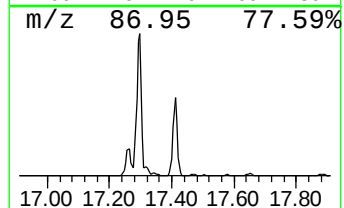
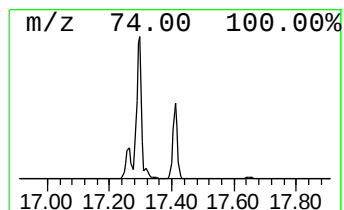
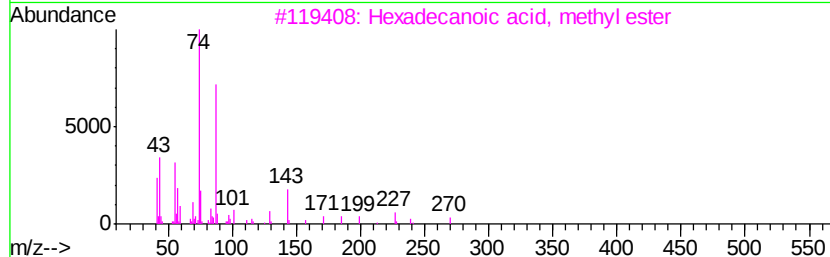
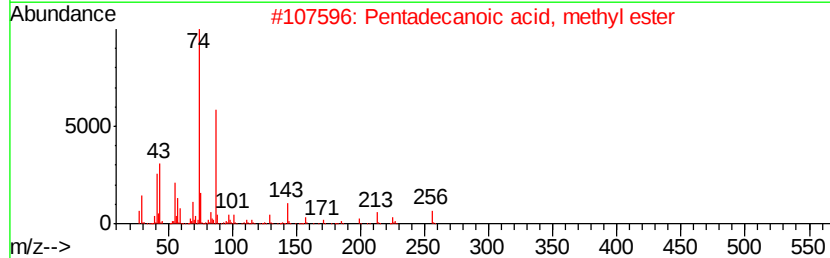
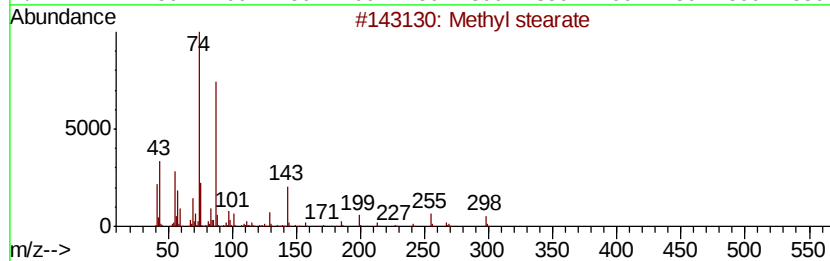
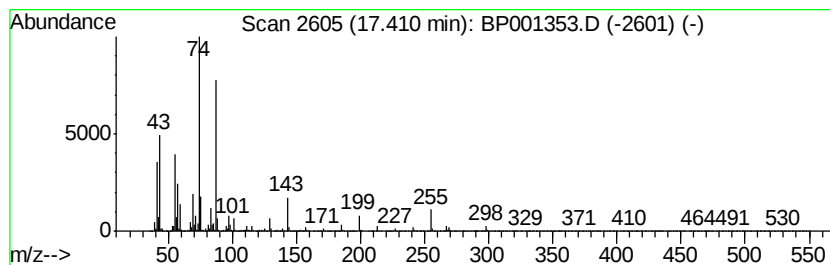
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Methyl stearate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.41	22.49 ng	481465	Phenanthrene-d10	15.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methyl stearate	298	C19H38O2	000112-61-8	91
2		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
3		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	87
4		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	86
5		Undecanoic acid, 10-methyl-, met...	214	C13H26O2	005129-56-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP122019\
 Data File : BP001353.D
 Acq On : 20 Dec 2019 20:14
 Operator : JU
 Sample : K6107-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HR-06-121819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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
2-Pentanone, 4-hy...	5.61	19.8	ng	317068	1	8.30	320921	20.0
unknown7.94	7.94	120.1	ng	1927280	1	8.30	320921	20.0
Nonane	8.09	36.6	ng	587697	1	8.30	320921	20.0
Nonane, 2,6-dimet...	8.38	11.7	ng	187090	1	8.30	320921	20.0
Benzene, 1-ethyl-...	8.83	15.0	ng	240609	1	8.30	320921	20.0
Tetradecane	9.31	69.7	ng	1117940	1	8.30	320921	20.0
Benzene, 1,2,4,5-...	9.59	10.8	ng	413534	2	10.33	765169	20.0
Undecane, 2-methyl-	10.01	11.5	ng	439229	2	10.33	765169	20.0
Naphthalene, 1,2,...	10.09	12.9	ng	493947	2	10.33	765169	20.0
Dodecane	10.39	34.9	ng	1335170	2	10.33	765169	20.0
Undecane, 2,6-dim...	10.52	12.4	ng	475246	2	10.33	765169	20.0
Dodecane, 2,6,11-...	11.12	19.4	ng	741803	2	10.33	765169	20.0
Tridecane	11.39	40.2	ng	1536600	2	10.33	765169	20.0
Naphthalene, 1,2,...	11.70	11.4	ng	436245	2	10.33	765169	20.0
Heptadecane	14.80	14.8	ng	315759	4	15.60	428105	20.0
Hexadecanoic acid...	16.30	57.1	ng	1222080	4	15.60	428105	20.0
9,12-Octadecadien...	17.26	155.0	ng	3317780	4	15.60	428105	20.0
Methyl stearate	17.41	22.5	ng	481465	4	15.60	428105	20.0