

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
 Data File : BG021710.D
 Acq On : 16 Apr 2016 10:06
 Operator : UM/SJ
 Sample : H2558-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-15-6-7

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:\HPCHEM1\BNA_G\METHODS\8270-BG041316.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	3.099	39	44	63	rVB	2059206	3471089	10.46%	0.465%
2	6.213	568	574	583	rVB2	2897505	5407114	16.29%	0.724%
3	6.848	671	682	691	rVB3	1092298	2963288	8.93%	0.397%
4	7.194	730	741	746	rVV3	1562328	3564833	10.74%	0.477%
5	7.306	755	760	764	rVV	1815125	3235810	9.75%	0.433%
6	7.365	764	770	776	rVV3	2834754	5361309	16.15%	0.718%
7	7.606	805	811	816	rBV	1285942	2363484	7.12%	0.316%
8	7.841	844	851	855	rBV	4992631	9989689	30.09%	1.337%
9	8.123	889	899	905	rBV2	1096453	2559158	7.71%	0.343%
10	8.193	905	911	918	rVB	2139174	3812189	11.48%	0.510%
11	8.346	931	937	943	rBV3	1305727	2717694	8.19%	0.364%
12	8.875	1020	1027	1040	rVB3	4518282	9529815	28.71%	1.276%
13	8.986	1040	1046	1050	rBV	2124610	4008376	12.07%	0.537%
14	9.239	1084	1089	1095	rVB	1622742	3321885	10.01%	0.445%
15	9.339	1095	1106	1112	rBV	3393038	8404241	25.32%	1.125%
16	9.474	1116	1129	1137	rVB2	7457825	21595068	65.05%	2.891%
17	9.591	1137	1149	1157	rBV7	2401791	8290178	24.97%	1.110%
18	9.709	1157	1169	1178	rBV10	1576456	6617512	19.93%	0.886%
19	9.809	1179	1186	1191	rVV6	974433	2749101	8.28%	0.368%
20	9.873	1191	1197	1202	rVV	2336379	4607919	13.88%	0.617%
21	9.932	1202	1207	1211	rVV2	2120328	4185463	12.61%	0.560%
22	9.979	1211	1215	1224	rVB2	2612194	5200987	15.67%	0.696%
23	10.120	1230	1239	1243	rBV3	1355459	3678417	11.08%	0.492%
24	10.173	1243	1248	1252	rVV2	2389748	4709278	14.19%	0.630%
25	10.238	1252	1259	1264	rVV4	2794146	6818748	20.54%	0.913%
26	10.296	1264	1269	1279	rVV5	3067799	9491099	28.59%	1.271%
27	10.390	1279	1285	1290	rVV2	3067921	6783716	20.43%	0.908%
28	10.455	1290	1296	1303	rVV4	4972267	13146035	39.60%	1.760%
29	10.514	1303	1306	1310	rVV2	2192678	3454735	10.41%	0.463%
30	10.567	1310	1315	1319	rVV2	2327454	4345665	13.09%	0.582%
31	10.631	1322	1326	1331	rVV5	1822943	3571702	10.76%	0.478%
32	10.696	1331	1337	1341	rVB	2588166	4744608	14.29%	0.635%
33	10.749	1341	1346	1354	rVB2	1383630	3284034	9.89%	0.440%
34	10.831	1354	1360	1369	rBV7	1345579	3870252	11.66%	0.518%

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35	10.955	1376	1381	1386	rVV5	1353759	3855322	11.61%	0.516%
36	11.037	1386	1395	1400	rVV	10363433	26673307	80.35%	3.571%
37	11.113	1400	1408	1413	rVV5	1639334	5706610	17.19%	0.764%
38	11.207	1414	1424	1430	rVB2	4294713	12502709	37.66%	1.674%
39	11.272	1430	1435	1441	rBV4	2072971	4542777	13.68%	0.608%
40	11.530	1474	1479	1487	rVB4	2984154	6819002	20.54%	0.913%
41	11.642	1493	1498	1505	rVV4	1461235	3696782	11.14%	0.495%
42	11.718	1505	1511	1512	rVV2	1733373	2791599	8.41%	0.374%
43	11.754	1513	1517	1524	rVV5	3776068	9286214	27.97%	1.243%
44	11.812	1524	1527	1534	rVB4	1754612	3466997	10.44%	0.464%
45	11.889	1534	1540	1546	rBV4	4079052	7688492	23.16%	1.029%
46	11.965	1546	1553	1559	rBV3	4952703	9734070	29.32%	1.303%
47	12.071	1565	1571	1574	rVV	4363038	8009336	24.13%	1.072%
48	12.106	1574	1577	1582	rVV3	1807348	3200371	9.64%	0.428%
49	12.153	1582	1585	1592	rVB4	1911302	3589768	10.81%	0.481%
50	12.253	1593	1602	1607	rBV	6714403	13549750	40.82%	1.814%
51	12.482	1628	1641	1645	rBV4	9923819	27592347	83.11%	3.694%
52	12.594	1656	1660	1666	rVB3	2461290	4513025	13.59%	0.604%
53	12.670	1670	1673	1677	rVV3	2573310	4066081	12.25%	0.544%
54	12.711	1677	1680	1687	rVB3	1876863	3468370	10.45%	0.464%
55	12.964	1718	1723	1727	rVB3	4428004	7179863	21.63%	0.961%
56	13.076	1738	1742	1746	rBV3	2055242	2992010	9.01%	0.401%
57	13.181	1756	1760	1763	rBV2	1585873	2480278	7.47%	0.332%
58	13.252	1769	1772	1781	rVB3	4257746	7004886	21.10%	0.938%
59	13.340	1782	1787	1791	rBV2	2894748	5646651	17.01%	0.756%
60	13.399	1792	1797	1806	rVB3	4472164	9347554	28.16%	1.251%
61	13.575	1822	1827	1832	rVB4	1483443	2575588	7.76%	0.345%
62	13.704	1839	1849	1854	rVB3	10074873	25929198	78.10%	3.471%
63	13.816	1864	1868	1874	rVB2	2488350	4279933	12.89%	0.573%
64	14.145	1919	1924	1928	rBV5	2201681	4853579	14.62%	0.650%
65	14.192	1929	1932	1936	rVV5	3803184	6906207	20.80%	0.925%
66	14.239	1936	1940	1944	rVV3	4497957	7016309	21.13%	0.939%
67	14.333	1945	1956	1959	rVV4	6357950	16860987	50.79%	2.257%
68	14.374	1959	1963	1968	rVV2	5838469	9633363	29.02%	1.290%
69	14.445	1970	1975	1979	rVB2	4907488	7896582	23.79%	1.057%
70	14.768	2021	2030	2034	rVB2	10501962	24578928	74.04%	3.291%
71	14.821	2035	2039	2043	rBV4	2865677	5479570	16.51%	0.734%

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72	15.067	2077	2081	2087	rVB3	2093733	3525200	10.62%	0.472%
73	15.185	2096	2101	2106	rBV3	1991601	5273771	15.89%	0.706%
74	15.238	2107	2110	2115	rVB2	2286026	3530457	10.63%	0.473%
75	15.355	2123	2130	2137	rBV7	4590985	10961437	33.02%	1.467%
76	15.420	2138	2141	2145	rVB	2780464	3561212	10.73%	0.477%
77	15.473	2146	2150	2156	rBV6	1972432	5006922	15.08%	0.670%
78	15.708	2182	2190	2193	rVB	9674412	21281613	64.11%	2.849%
79	16.096	2247	2256	2259	rBV	5300955	12223725	36.82%	1.636%
80	16.178	2266	2270	2274	rVB3	2803330	4004673	12.06%	0.536%
81	16.237	2276	2280	2287	rVV3	2234337	4604519	13.87%	0.616%
82	16.301	2287	2291	2295	rVB2	3530571	4547631	13.70%	0.609%
83	16.566	2327	2336	2349	rVB2	10304135	33197933	100.00%	4.444%
84	16.877	2385	2389	2393	rBV	2304583	4004119	12.06%	0.536%
85	16.942	2397	2400	2406	rVV3	2699029	3918025	11.80%	0.525%
86	17.042	2413	2417	2423	rVB	2673612	3768992	11.35%	0.505%
87	17.106	2424	2428	2432	rBV3	2411092	3345112	10.08%	0.448%
88	17.347	2461	2469	2472	rBV	9729425	20197914	60.84%	2.704%
89	17.394	2472	2477	2486	rVB	6835529	12944152	38.99%	1.733%
90	17.794	2542	2545	2552	rVB2	2467876	3615343	10.89%	0.484%
91	17.858	2553	2556	2563	rVB3	2174535	3674566	11.07%	0.492%
92	18.076	2586	2593	2597	rVB	9463130	17746460	53.46%	2.376%
93	18.499	2662	2665	2671	rVB2	1686342	2391656	7.20%	0.320%
94	18.757	2702	2709	2713	rBV	9122486	15066843	45.38%	2.017%
95	19.198	2780	2784	2788	rVB	1773553	2552618	7.69%	0.342%
96	19.368	2807	2813	2817	rBV	8939789	12826977	38.64%	1.717%
97	19.926	2903	2908	2912	rVB	6659089	9277869	27.95%	1.242%
98	20.161	2945	2948	2954	rVB2	1722156	2564523	7.72%	0.343%
99	20.449	2992	2997	3001	rVB	5285810	6273389	18.90%	0.840%
100	20.937	3076	3080	3084	rBV	3078055	3794835	11.43%	0.508%

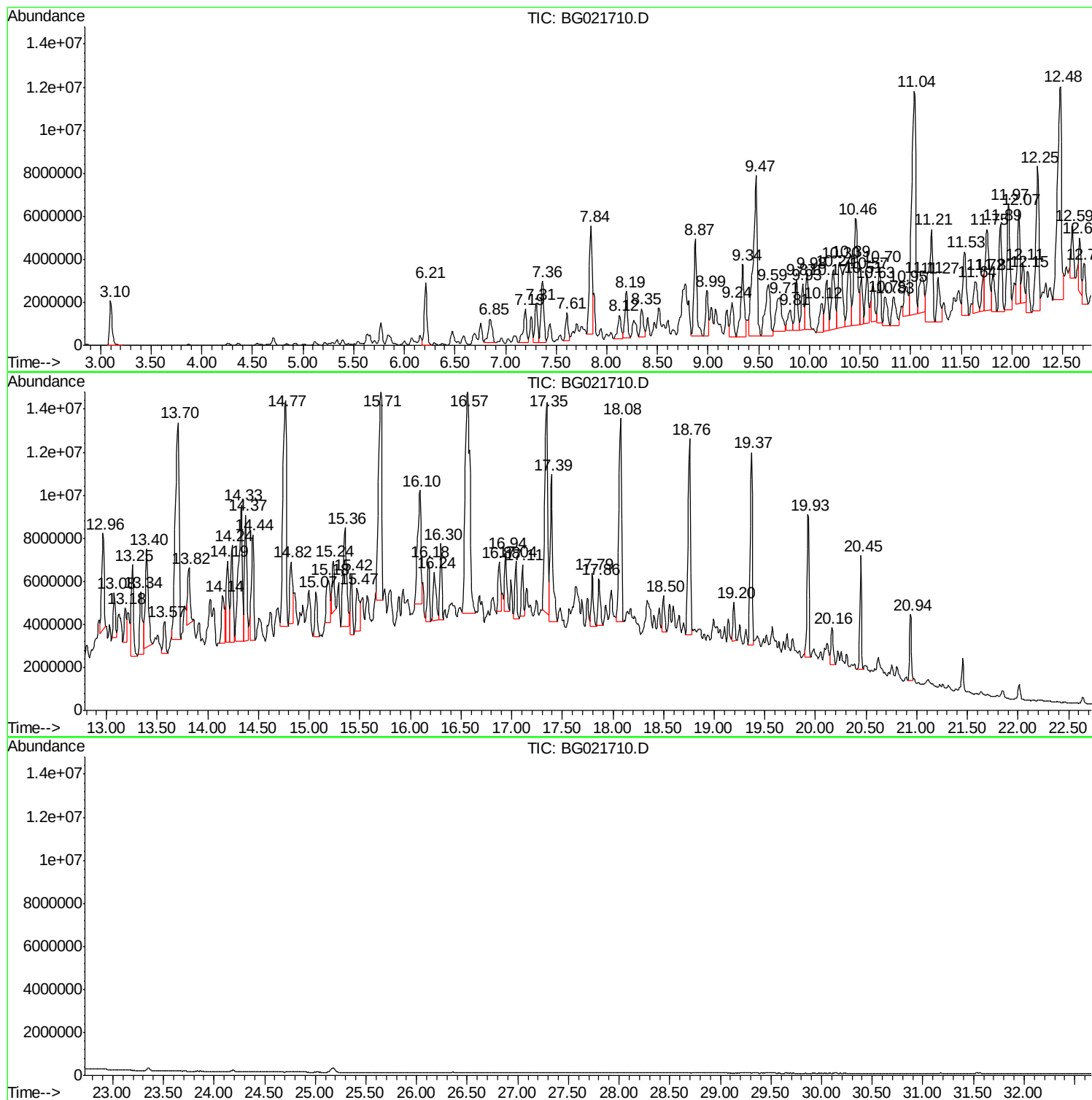
Sum of corrected areas: 746951392

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Instrument :
BNA_G
ClientSampled :
SB-15-6-7

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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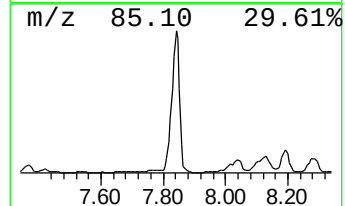
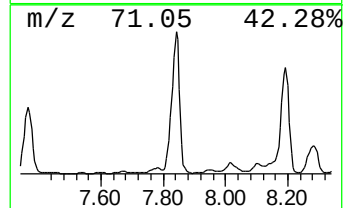
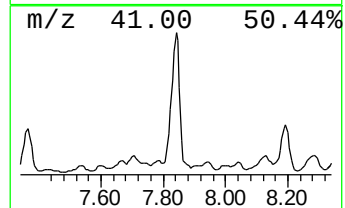
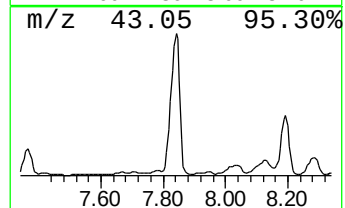
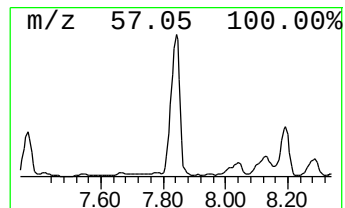
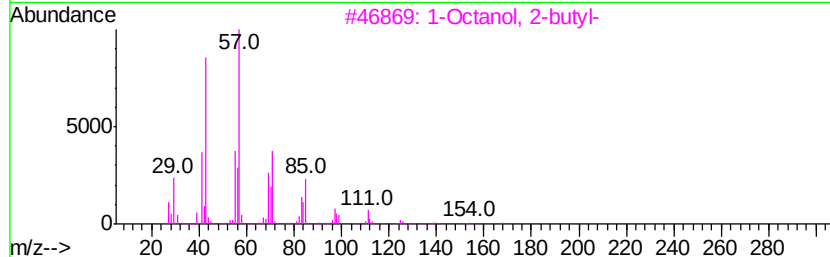
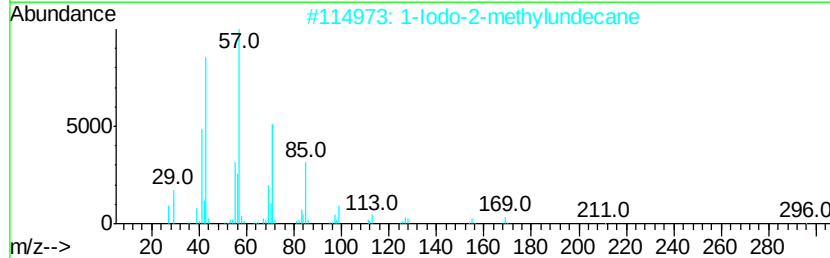
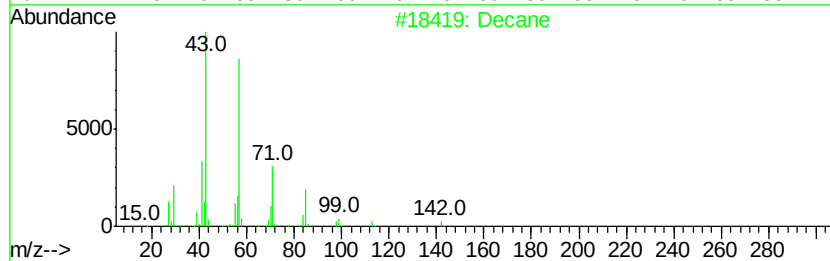
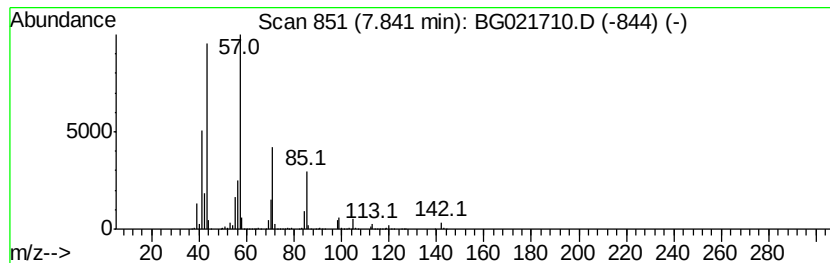
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Decane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.84	52.41 ng	9989690	1,4-Dichlorobenzene-d4	8.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decane		142 C10H22	000124-18-5 91
2	1-Iodo-2-methylundecane		296 C12H25I	073105-67-6 78
3	1-Octanol, 2-butyl-		186 C12H26O	003913-02-8 78
4	Decane, 2,9-dimethyl-		170 C12H26	001002-17-1 72
5	Tridecane		184 C13H28	000629-50-5 72



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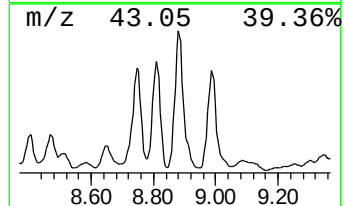
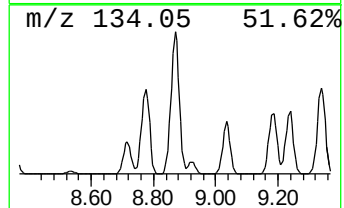
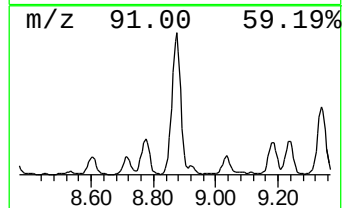
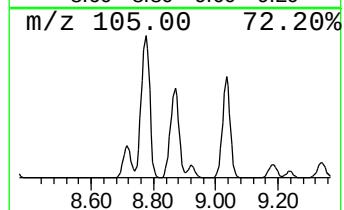
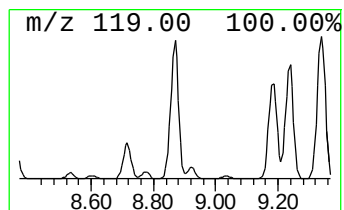
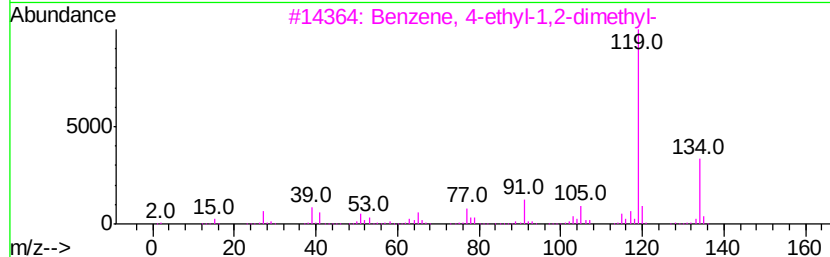
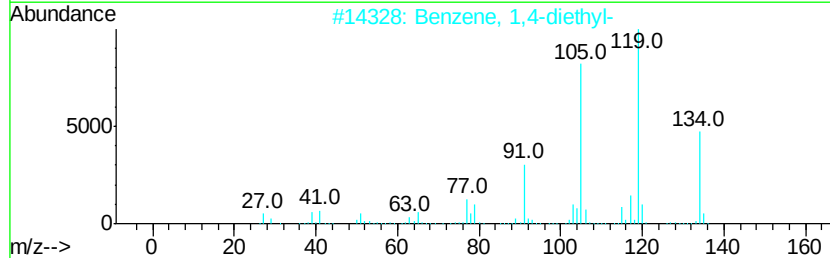
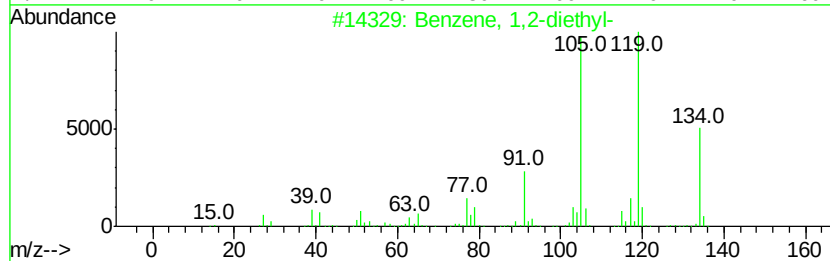
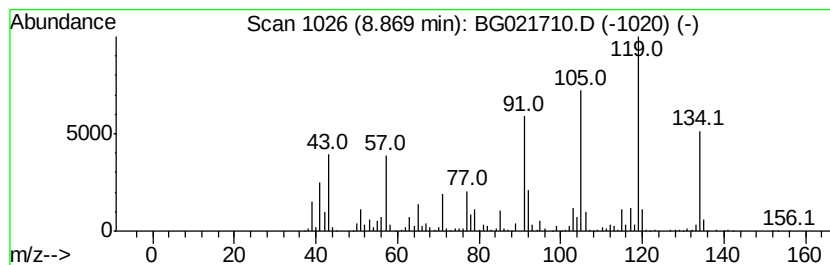
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1,2-diethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	50.00 ng	9529820	1,4-Dichlorobenzene-d4	8.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	89
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	89
5		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	89



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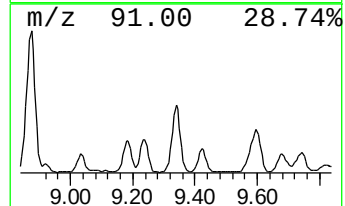
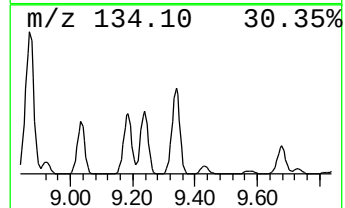
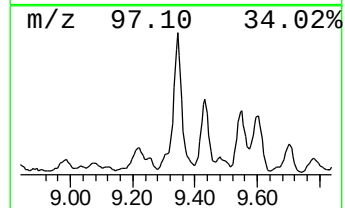
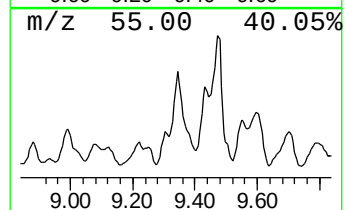
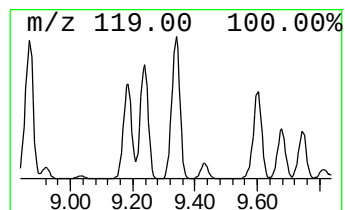
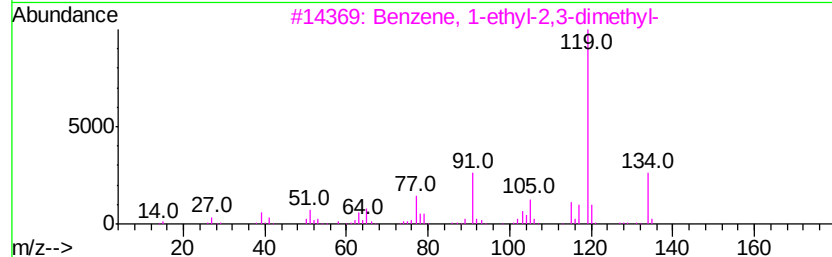
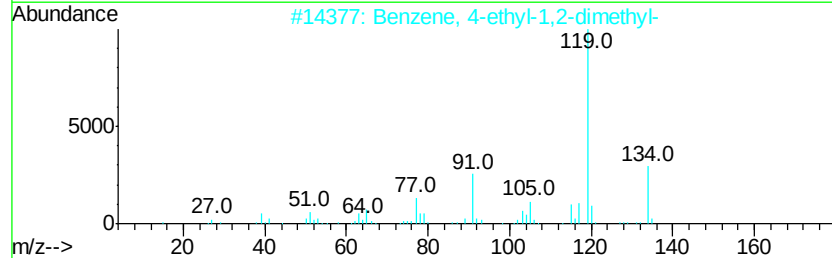
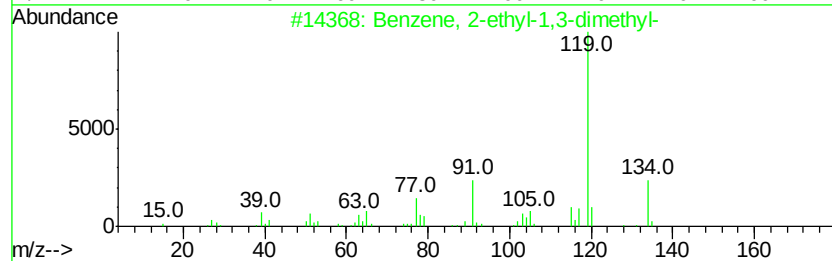
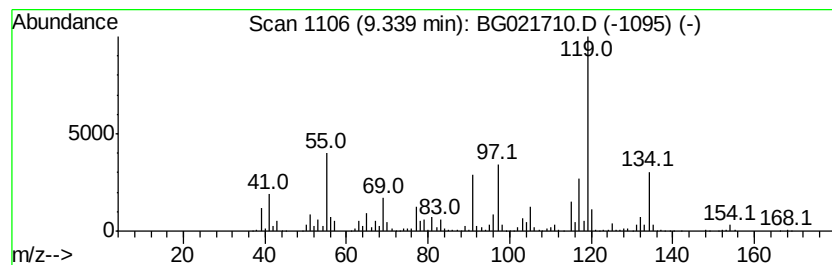
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	44.09 ng	8404240	1,4-Dichlorobenzene-d4	8.22

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
Data File : BG021710.D
Acq On : 16 Apr 2016 10:06
Operator : UM/SJ
Sample : H2558-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-15-6-7

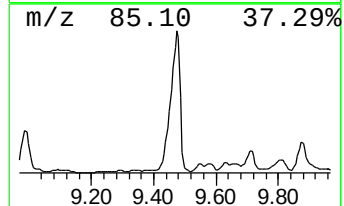
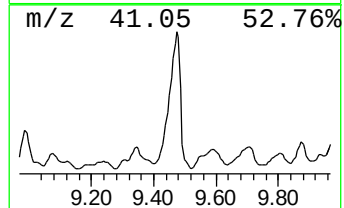
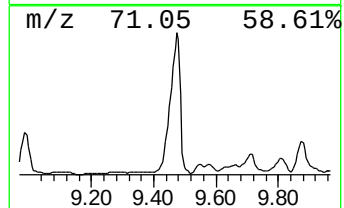
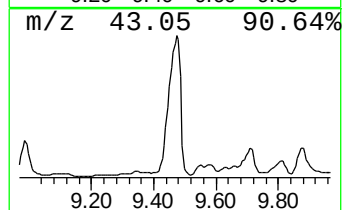
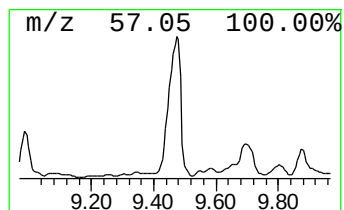
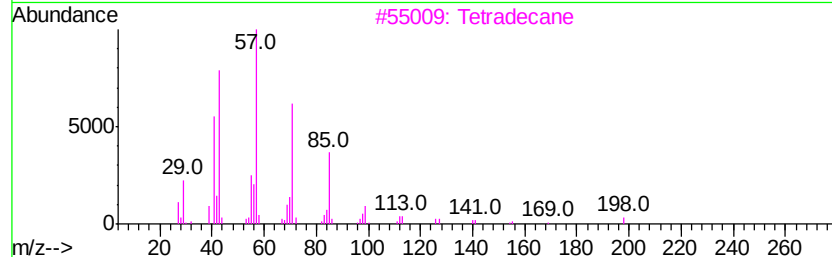
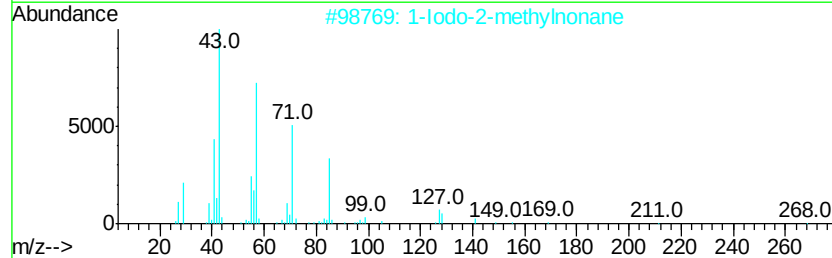
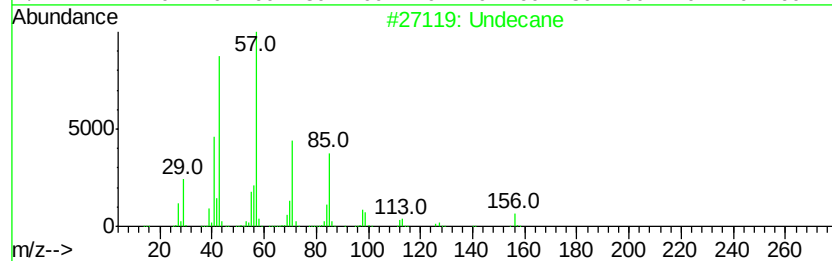
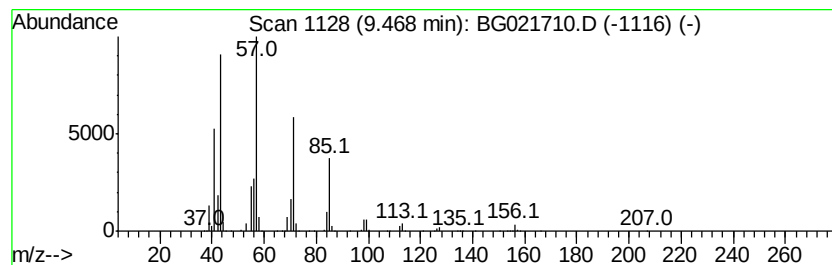
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Undecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	113.30 ng	21595100	1,4-Dichlorobenzene-d4	8.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	91
2		1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	72
3		Tetradecane	198	C14H30	000629-59-4	72
4		Decane, 1-iodo-	268	C10H21I	002050-77-3	53
5		Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
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Acq On : 16 Apr 2016 10:06
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Instrument :
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ClientSampled :
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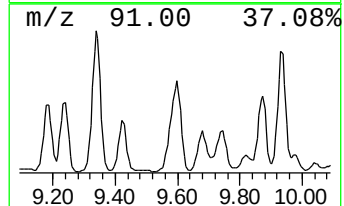
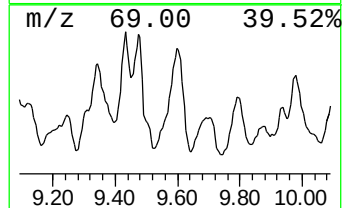
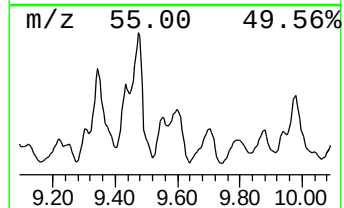
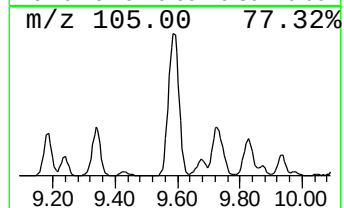
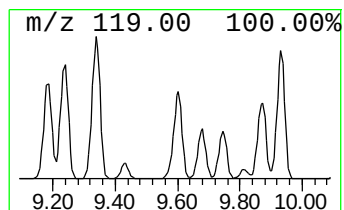
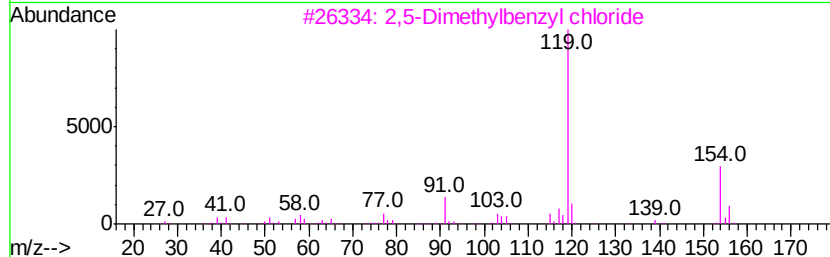
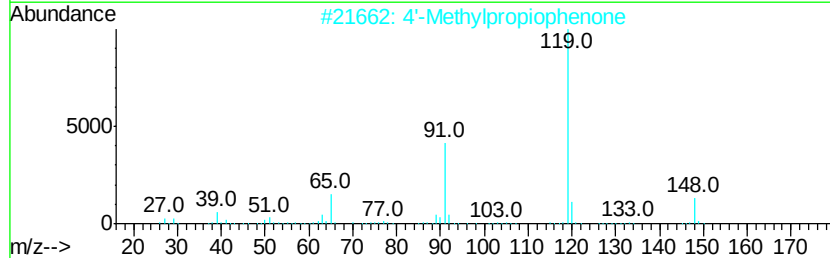
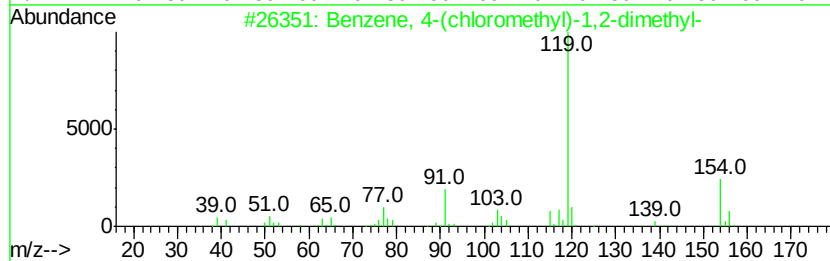
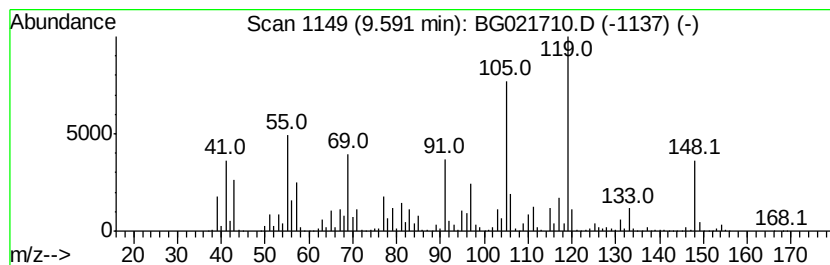
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 4-(chloromethyl)-1... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	43.49 ng	8290180	1,4-Dichlorobenzene-d4	8.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-(chloromethyl)-1,2-di...	154	C9H11Cl	000102-46-5	55
2		4'-Methylpropiophenone	148	C10H12O	005337-93-9	49
3		2,5-Dimethylbenzyl chloride	154	C9H11Cl	000824-45-3	49
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	47
5		Propiophenone, 2'-methyl-	148	C10H12O	002040-14-4	46



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
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Operator : UM/SJ
Sample : H2558-05
Misc :
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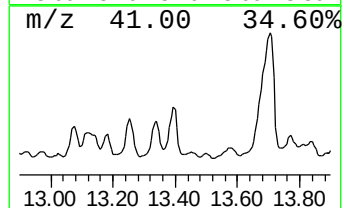
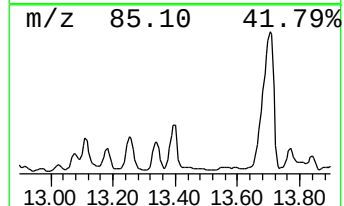
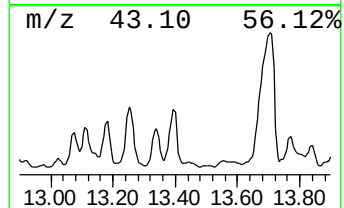
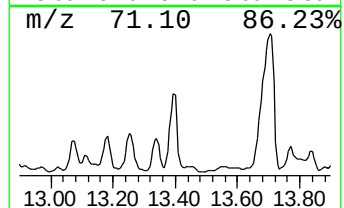
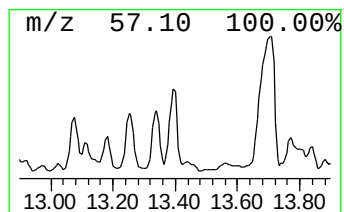
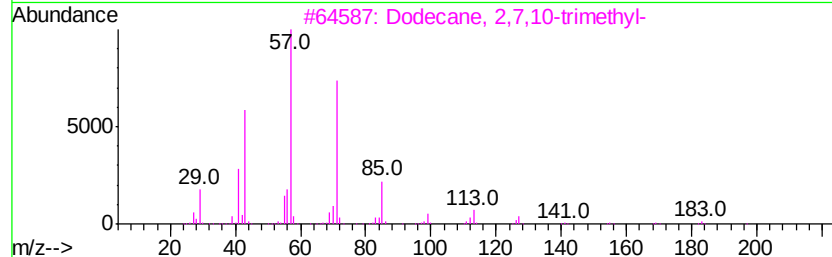
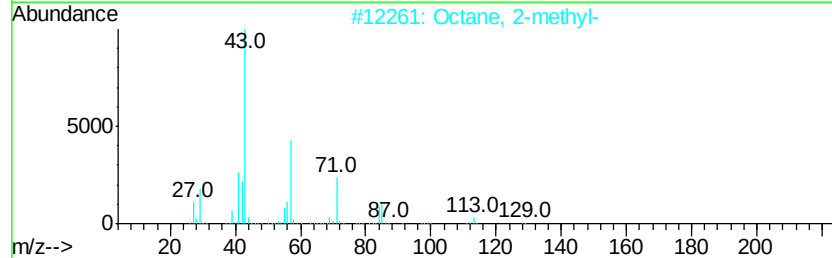
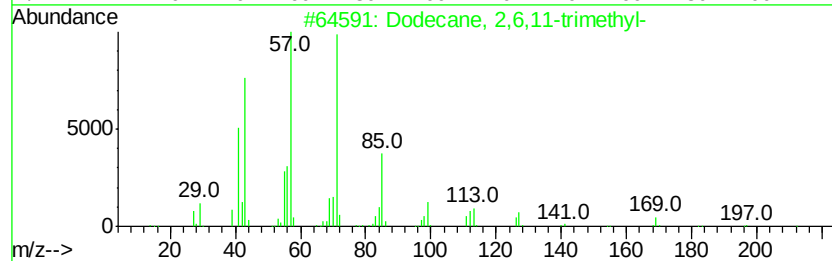
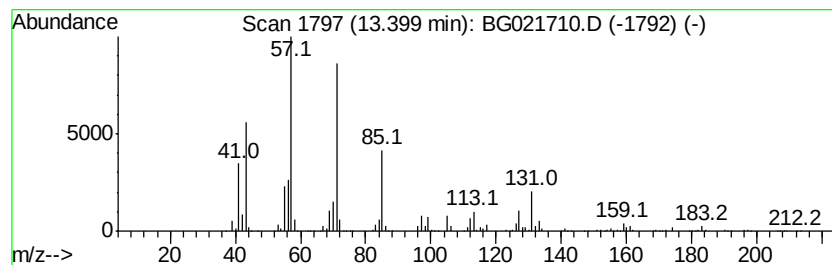
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Dodecane, 2,6,11-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.40	34.12 ng	9347550	Acenaphthene-d10		14.86	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane,	2,6,11-trimethyl-	212	C15H32	031295-56-4	83
2	Octane,	2-methyl-	128	C9H20	003221-61-2	81
3	Dodecane,	2,7,10-trimethyl-	212	C15H32	074645-98-0	64
4	Nonane,	3-methyl-5-propyl-	184	C13H28	031081-18-2	64
5	Dodecane,	2,6,10-trimethyl-	212	C15H32	003891-98-3	62



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
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Operator : UM/SJ
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Misc :
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ClientSampleId :
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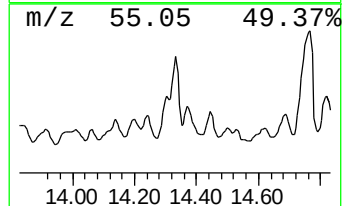
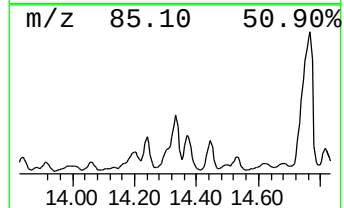
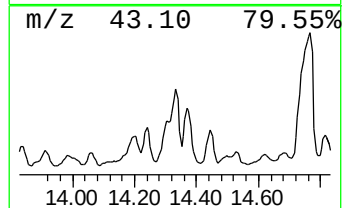
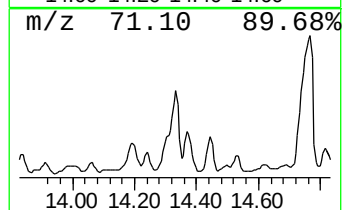
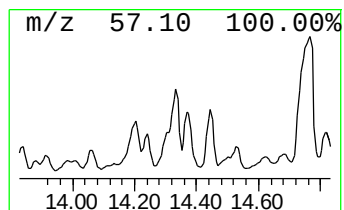
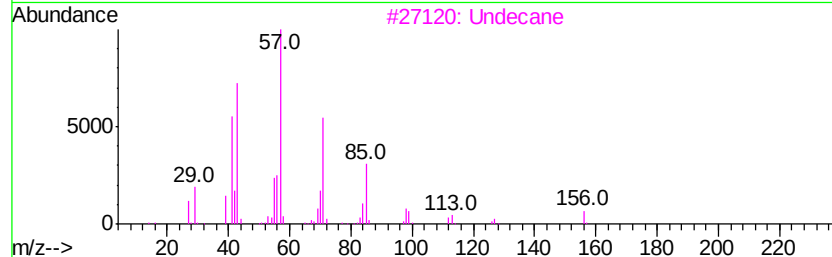
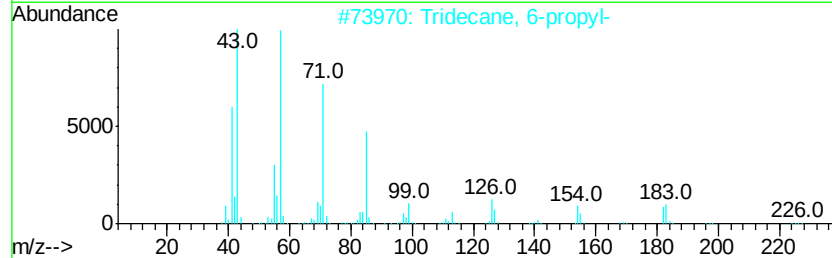
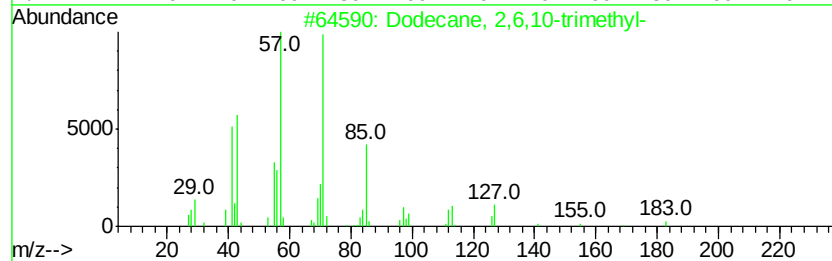
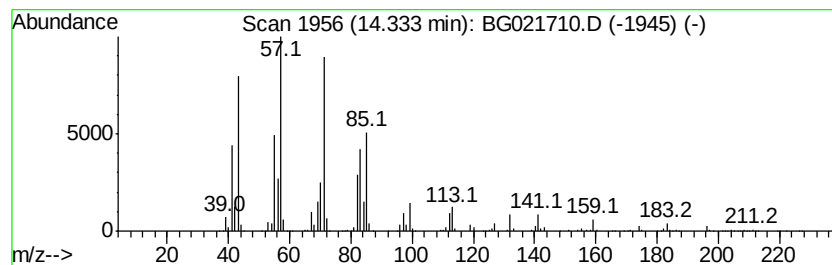
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Dodecane, 2,6,10-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	61.54 ng	16861000	Acenaphthene-d10	14.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	68
2		Tridecane, 6-propyl-	226	C16H34	055045-10-8	62
3		Undecane	156	C11H24	001120-21-4	58
4		Hexadecane	226	C16H34	000544-76-3	58
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	58



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
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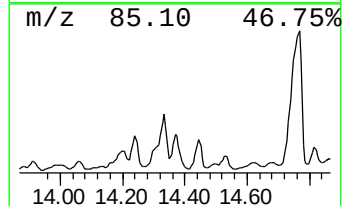
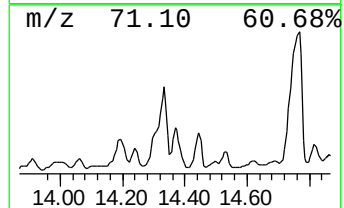
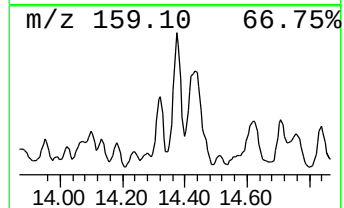
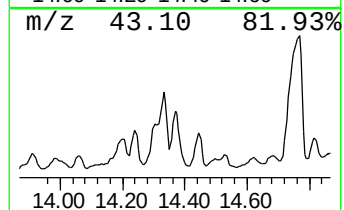
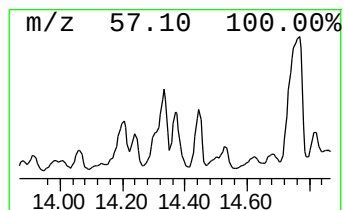
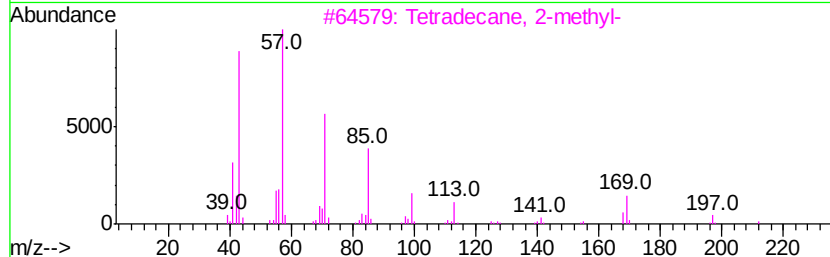
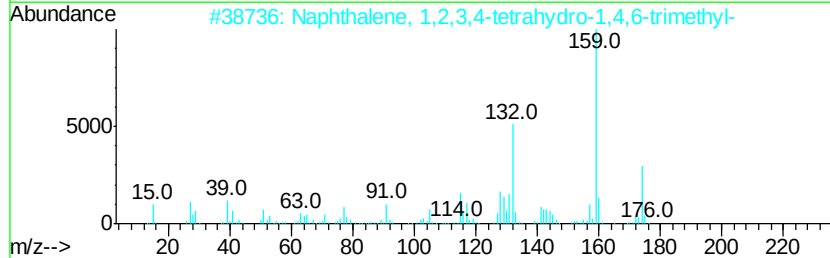
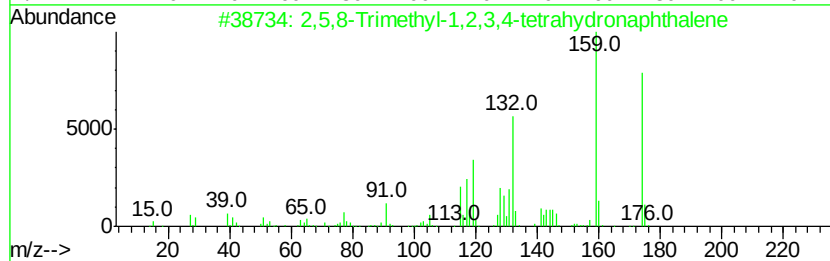
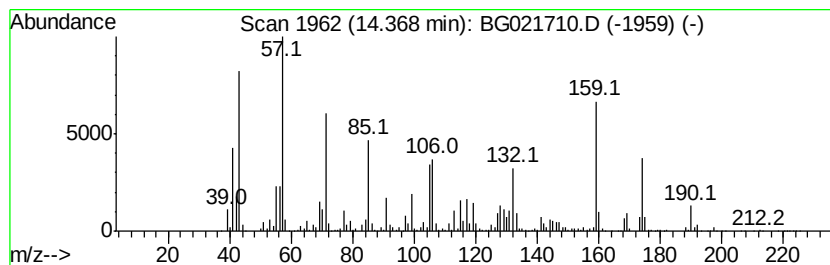
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 2,5,8-Trimethyl-1,2,3,4-tet... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	35.16 ng	9633360	Acenaphthene-d10	14.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,5,8-Trimethyl-1,2,3,4-tetrahyd...	174	C13H18	068269-15-8	86
2			Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	022824-32-4	62
3			Tetradecane, 2-methyl-	212	C15H32	001560-95-8	47
4			Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	42
5			Benzene, 1,2,3,4-tetramethyl-4-(...	174	C13H18	061142-76-5	42



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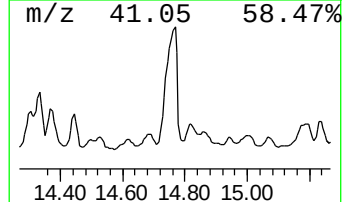
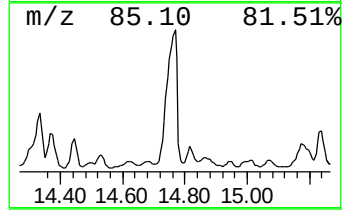
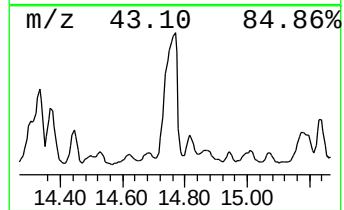
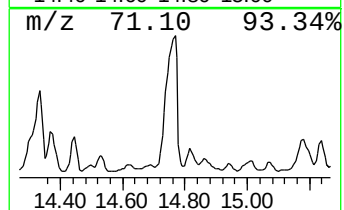
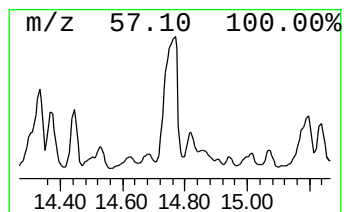
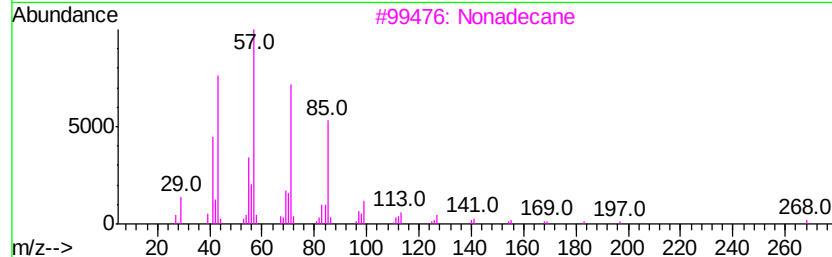
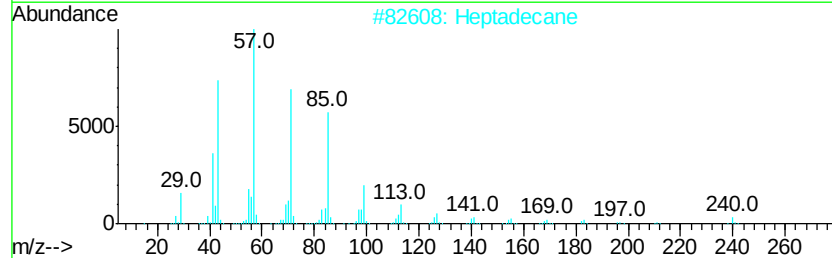
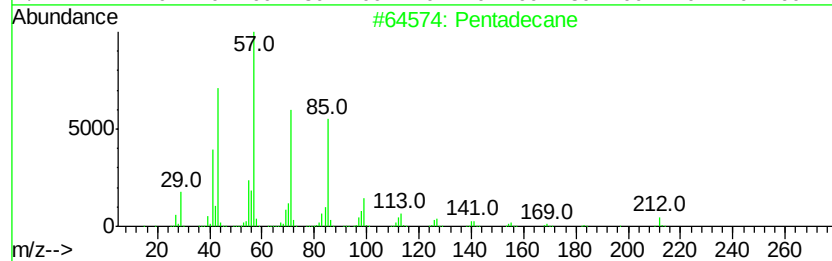
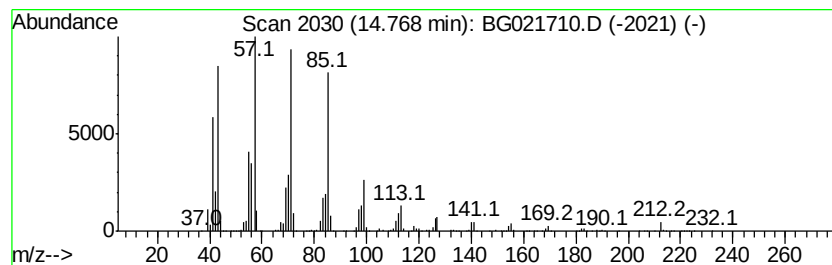
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	89.71 ng	24578900	Acenaphthene-d10	14.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	95
2	Heptadecane		240	C17H36	000629-78-7	90
3	Nonadecane		268	C19H40	000629-92-5	86
4	Hexadecane		226	C16H34	000544-76-3	86
5	Silane, trichlorooctadecyl-		386	C18H37Cl3Si	000112-04-9	78



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
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ClientSampleId :
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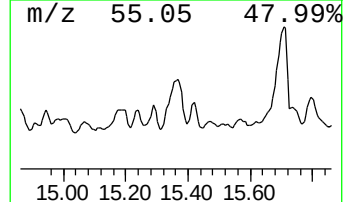
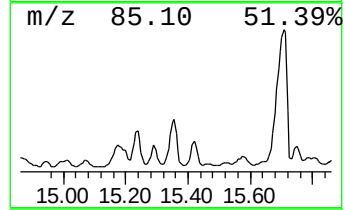
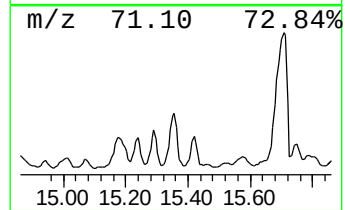
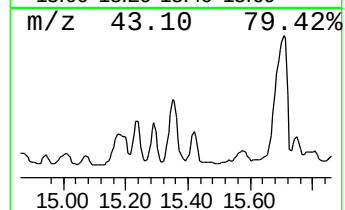
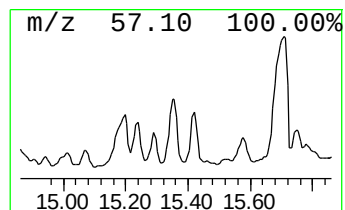
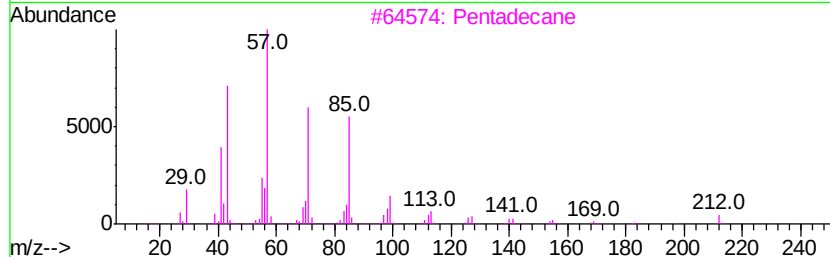
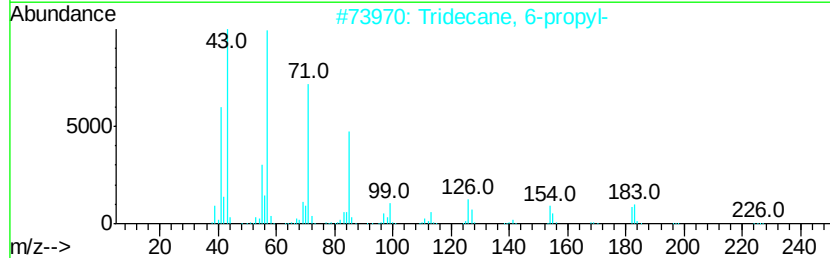
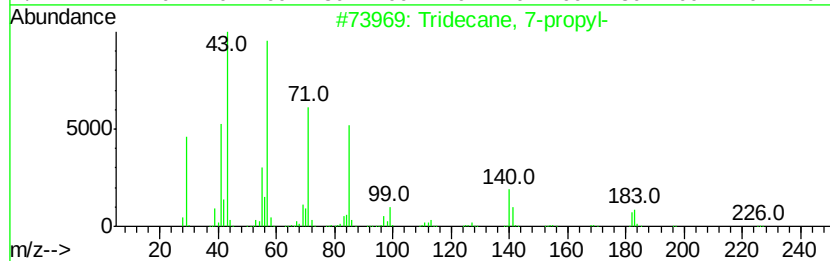
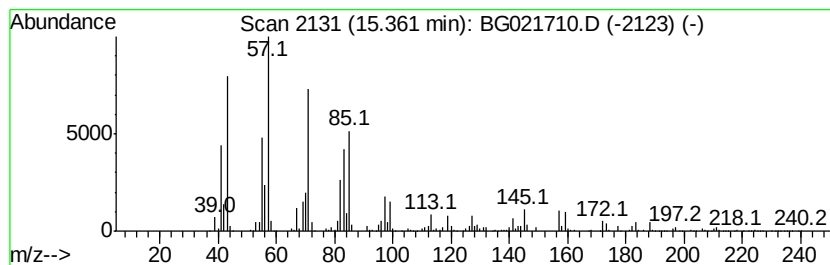
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Tridecane, 7-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	40.01 ng	10961400	Acenaphthene-d10	14.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	86
2		Tridecane, 6-propyl-	226	C16H34	055045-10-8	86
3		Pentadecane	212	C15H32	000629-62-9	83
4		Octadecane, 2-methyl-	268	C19H40	001560-88-9	83
5		Dodecane, 2-methyl-	184	C13H28	001560-97-0	81



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
Data File : BG021710.D
Acq On : 16 Apr 2016 10:06
Operator : UM/SJ
Sample : H2558-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-15-6-7

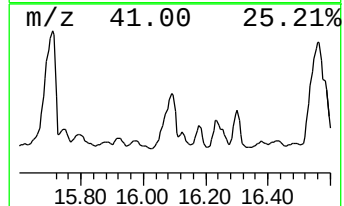
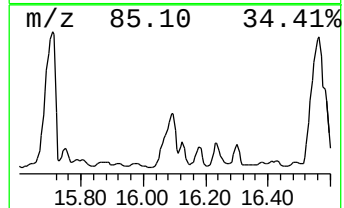
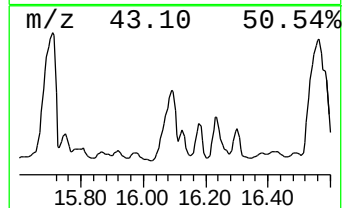
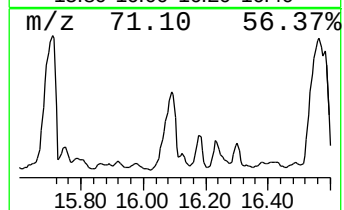
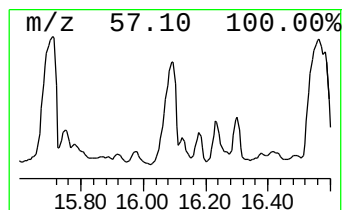
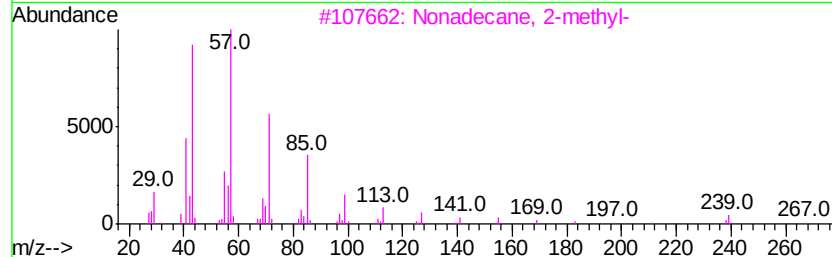
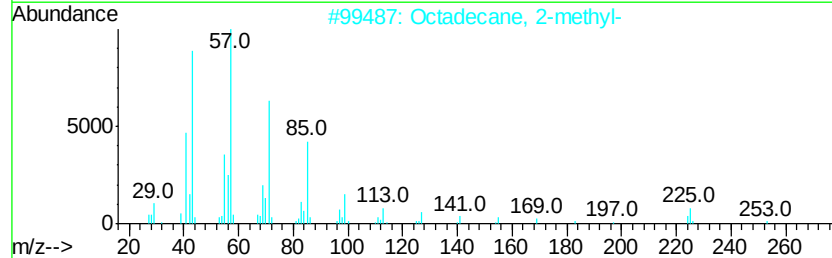
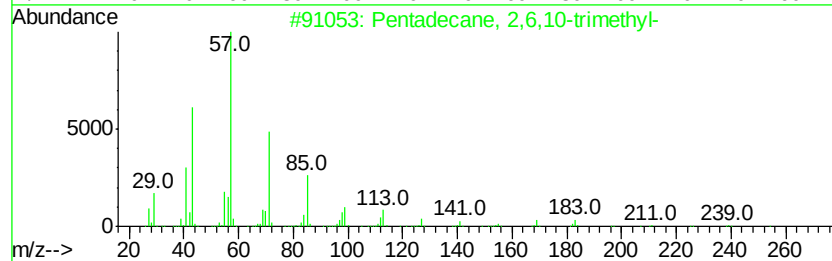
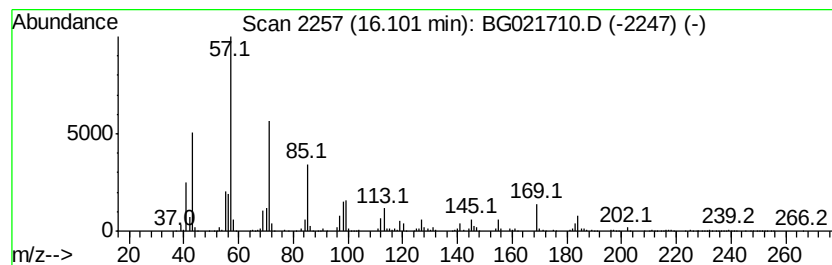
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Pentadecane, 2,6,10-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	44.62 ng	12223700	Acenaphthene-d10	14.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	81
2		Octadecane, 2-methyl-	268	C19H40	001560-88-9	80
3		Nonadecane, 2-methyl-	282	C20H42	001560-86-7	80
4		2-Bromo dodecane	248	C12H25Br	013187-99-0	80
5		Hexadecane	226	C16H34	000544-76-3	74



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
Data File : BG021710.D
Acq On : 16 Apr 2016 10:06
Operator : UM/SJ
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
SB-15-6-7

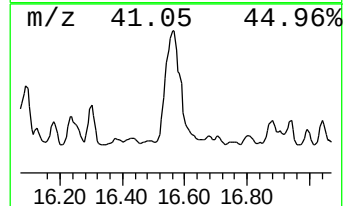
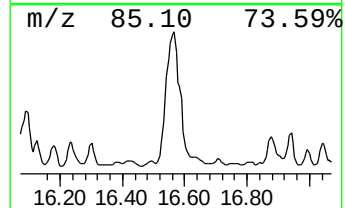
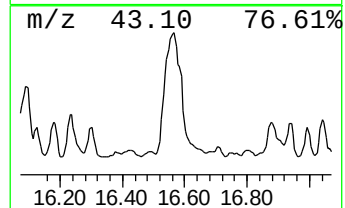
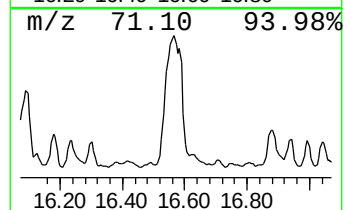
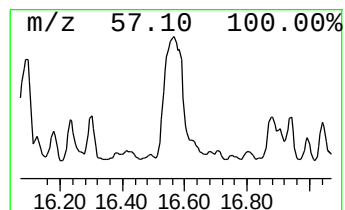
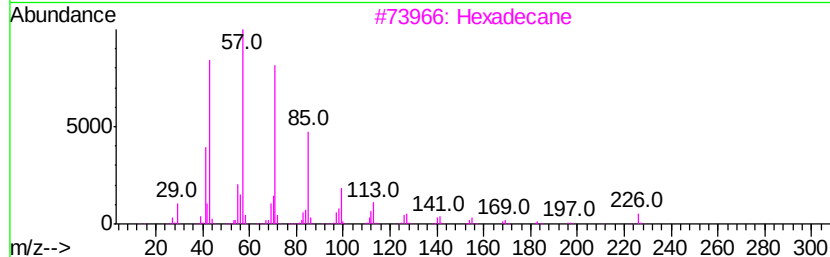
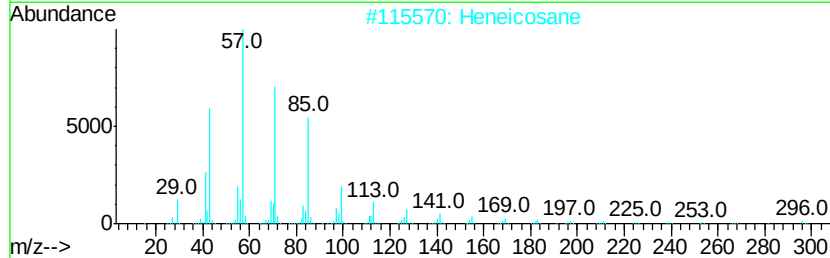
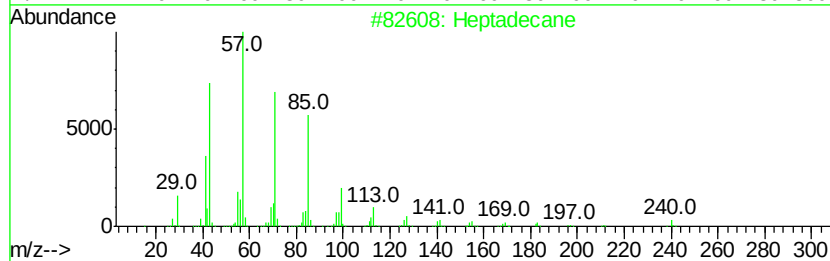
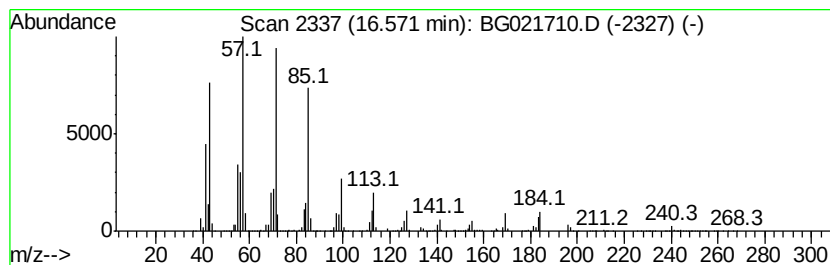
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Heptadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	183.65 ng	33197900	Phenanthrene-d10	17.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	95
2		Heneicosane	296	C21H44	000629-94-7	87
3		Hexadecane	226	C16H34	000544-76-3	87
4		Tridecane	184	C13H28	000629-50-5	87
5		Octadecane	254	C18H38	000593-45-3	86



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
Data File : BG021710.D
Acq On : 16 Apr 2016 10:06
Operator : UM/SJ
Sample : H2558-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

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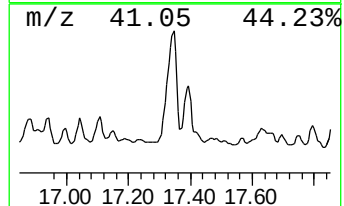
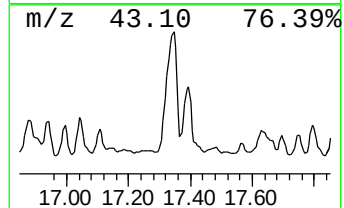
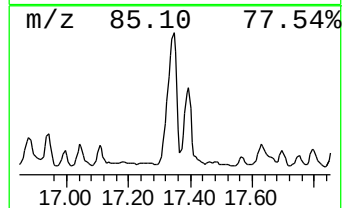
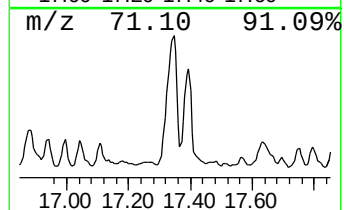
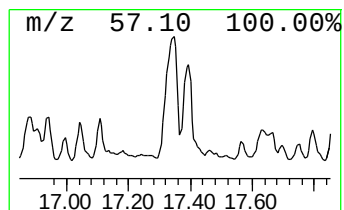
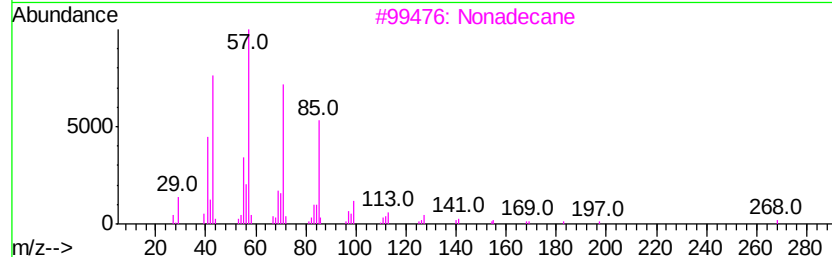
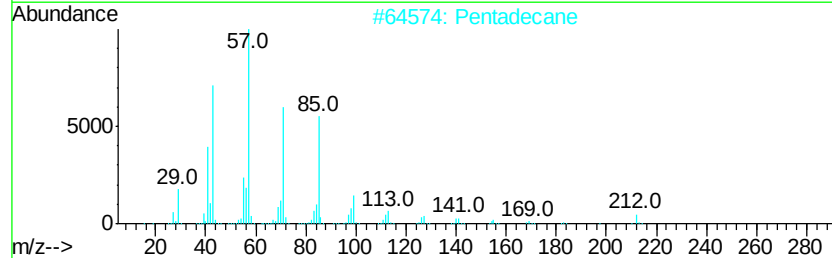
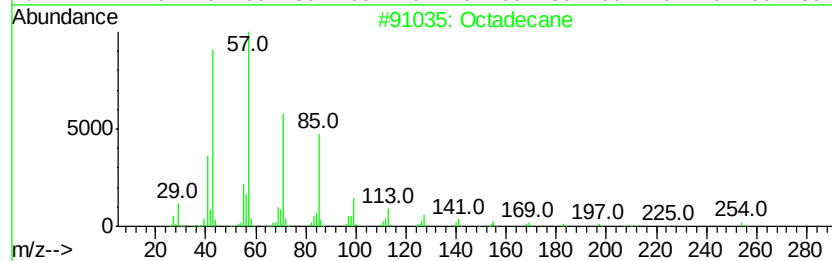
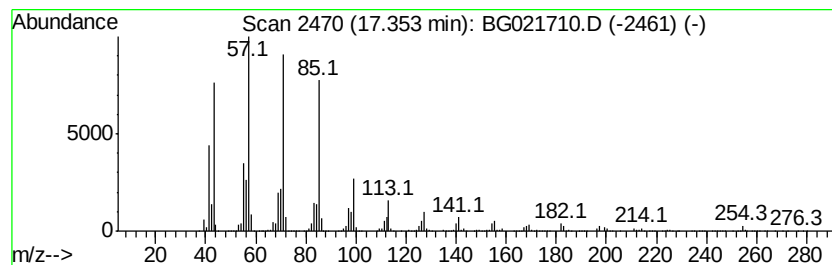
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Octadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.35	111.73 ng	20197900	Phenanthrene-d10	17.59

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane		254	C18H38	000593-45-3	91
2	Pentadecane		212	C15H32	000629-62-9	91
3	Nonadecane		268	C19H40	000629-92-5	91
4	Heneicosane		296	C21H44	000629-94-7	90
5	Heptadecane		240	C17H36	000629-78-7	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
Data File : BG021710.D
Acq On : 16 Apr 2016 10:06
Operator : UM/SJ
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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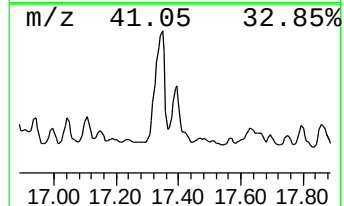
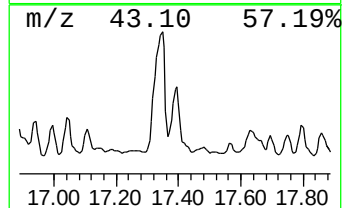
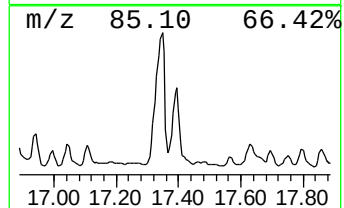
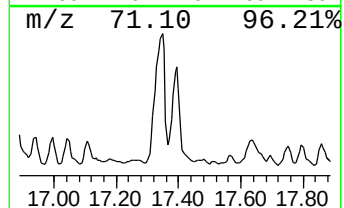
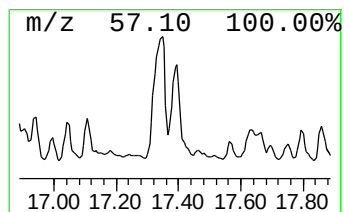
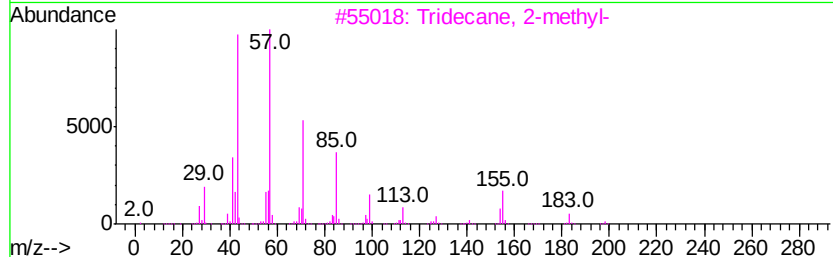
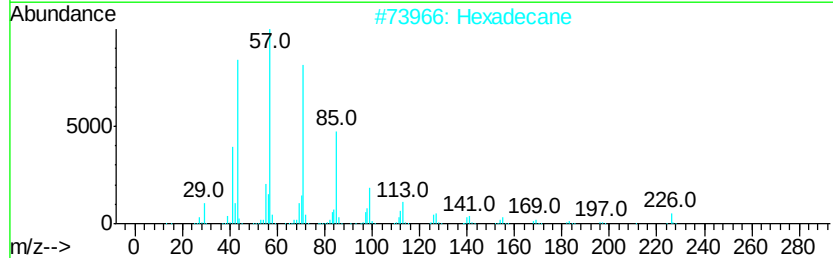
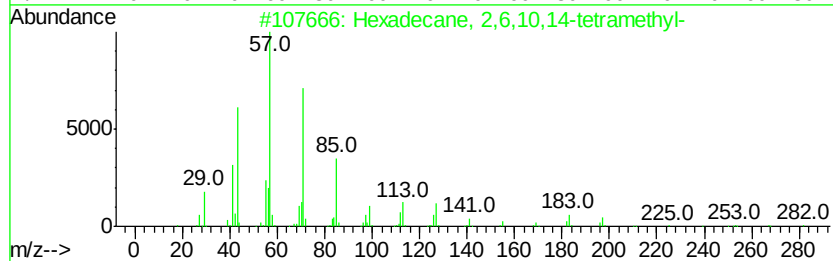
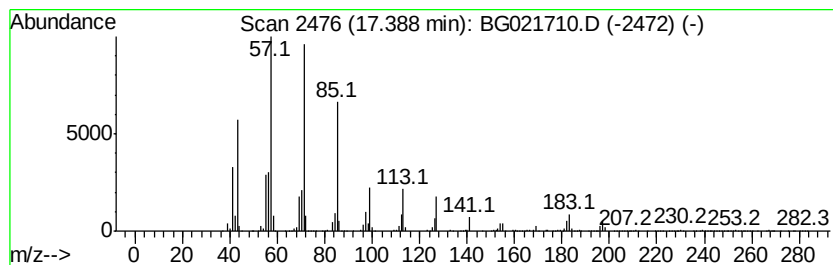
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Hexadecane, 2,6,10,14-tetra... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.39	71.61 ng	12944200	Phenanthrene-d10	17.59

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2			Hexadecane	226	C16H34	000544-76-3	72
3			Tridecane, 2-methyl-	198	C14H30	001560-96-9	72
4			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	72
5			Octadecane	254	C18H38	000593-45-3	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
Data File : BG021710.D
Acq On : 16 Apr 2016 10:06
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ClientSampleId :
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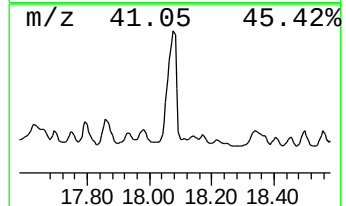
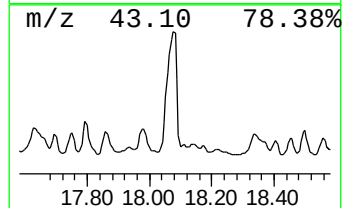
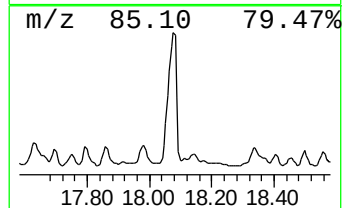
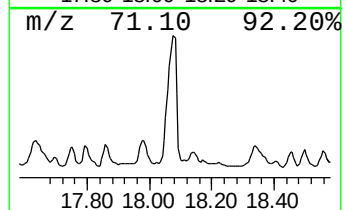
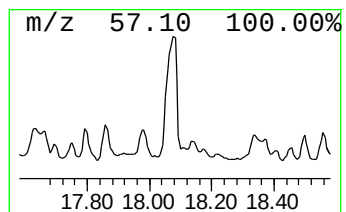
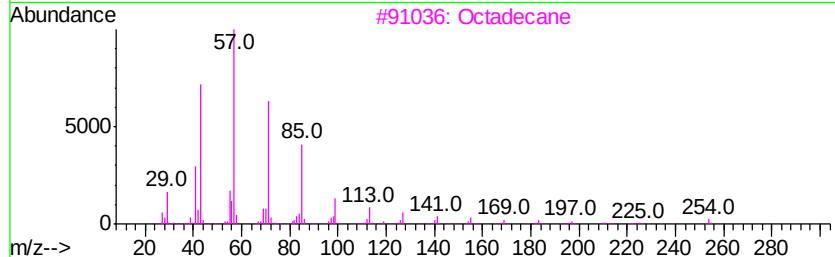
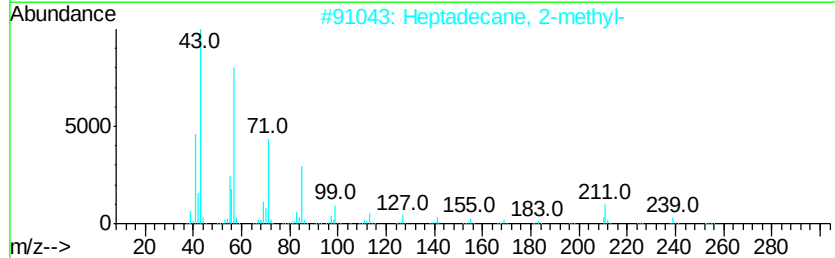
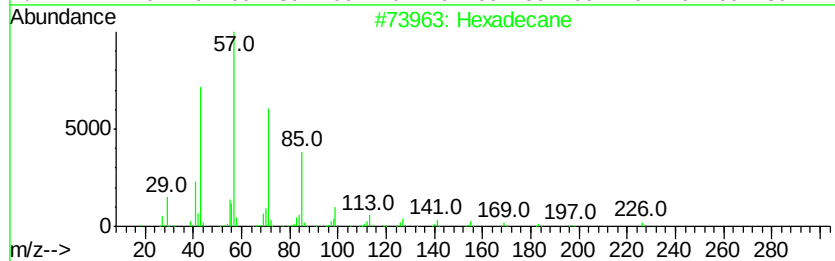
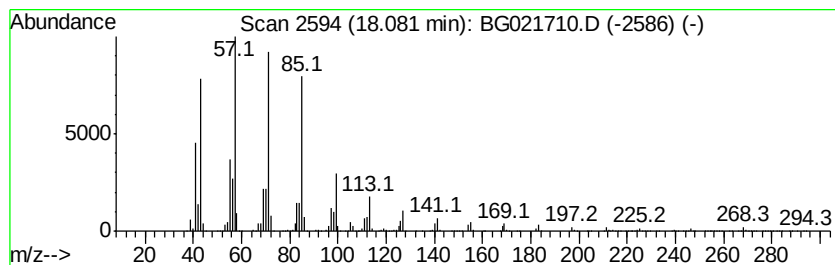
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	98.17 ng	17746500	Phenanthrene-d10	17.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Heptadecane, 2-methyl-	254	C18H38	001560-89-0	91
3		Octadecane	254	C18H38	000593-45-3	91
4		Nonadecane	268	C19H40	000629-92-5	91
5		Octadecane, 2-methyl-	268	C19H40	001560-88-9	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
Data File : BG021710.D
Acq On : 16 Apr 2016 10:06
Operator : UM/SJ
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Misc :
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Instrument :
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ClientSampleId :
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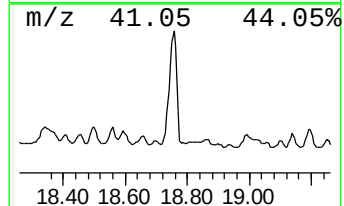
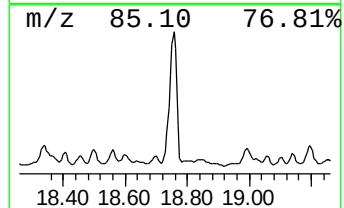
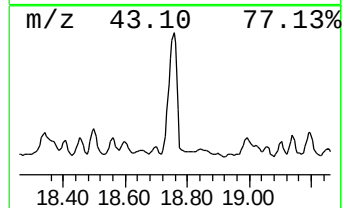
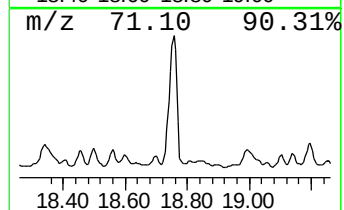
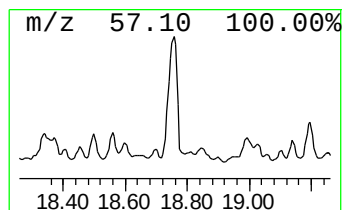
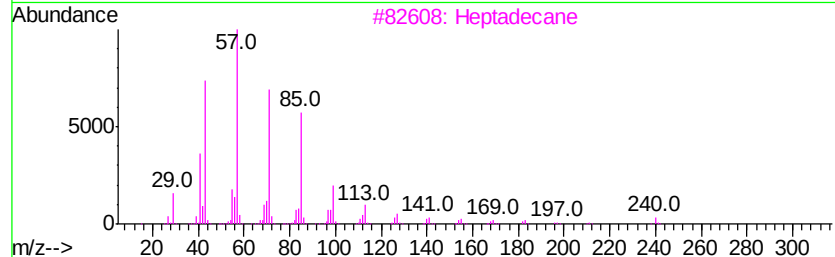
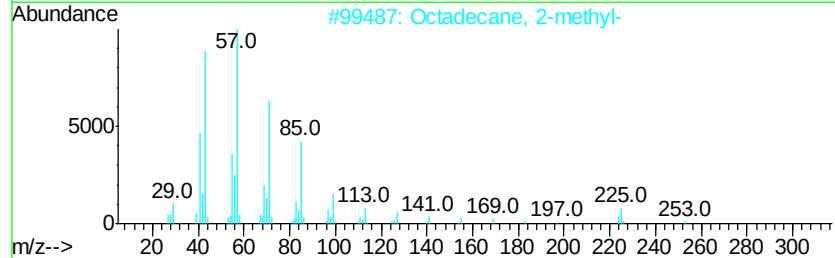
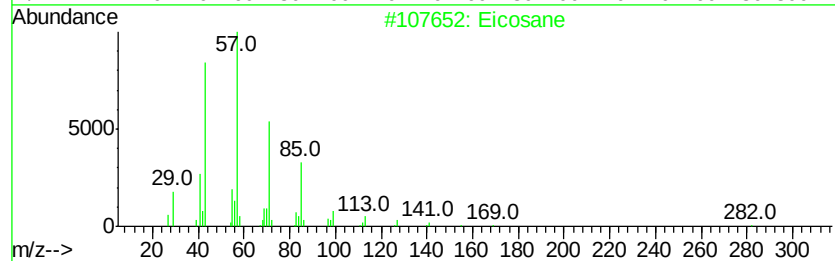
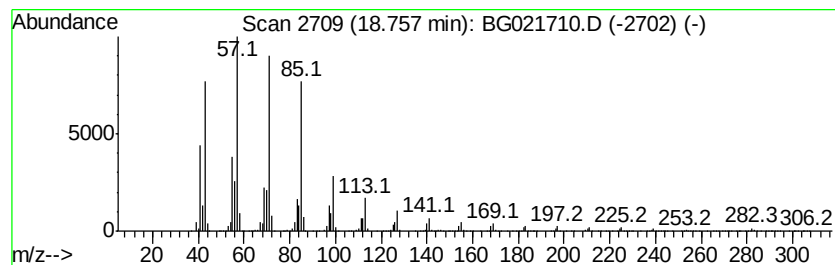
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.76	83.35 ng	15066800	Phenanthrene-d10	17.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
3		Heptadecane	240	C17H36	000629-78-7	87
4		Nonadecane	268	C19H40	000629-92-5	87
5		Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
Data File : BG021710.D
Acq On : 16 Apr 2016 10:06
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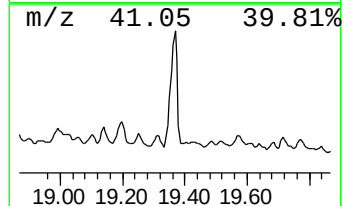
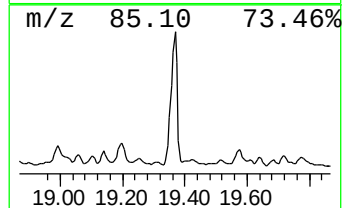
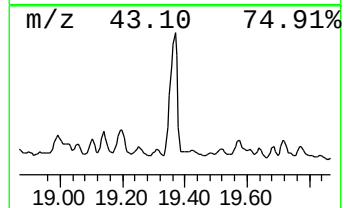
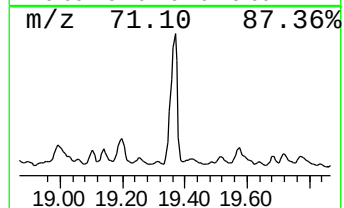
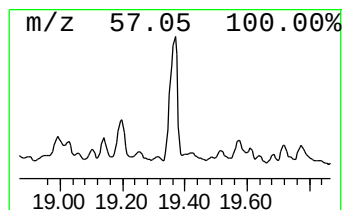
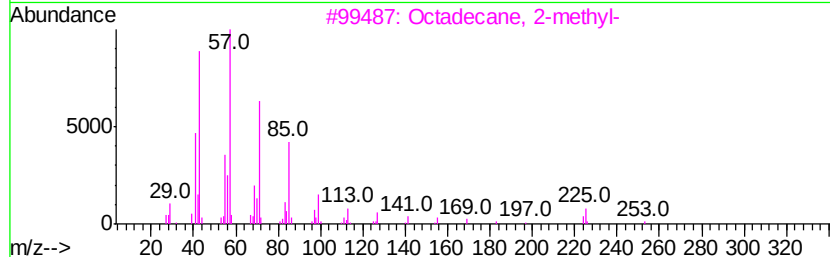
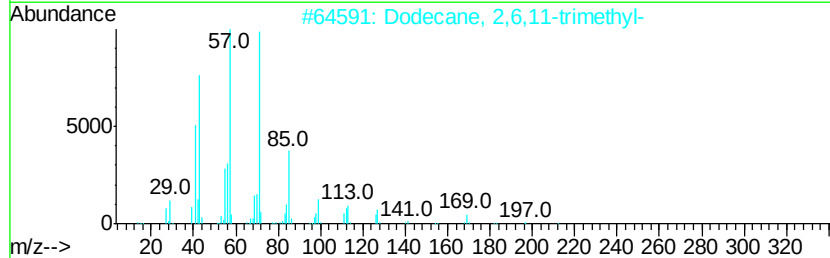
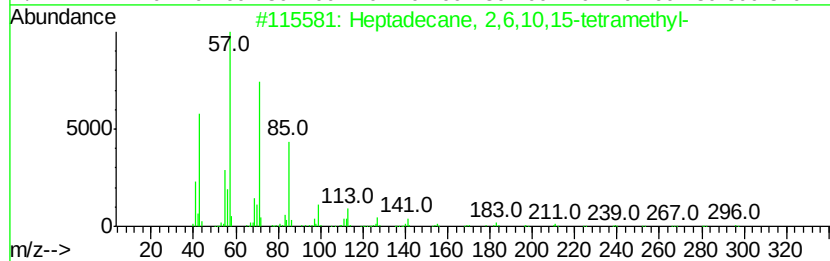
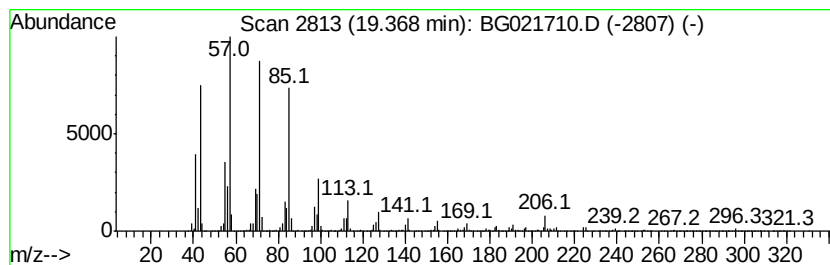
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Heptadecane, 2,6,10,15-tetr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.37	70.96 ng	12827000	Phenanthrene-d10	17.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	91
3		Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
4		Eicosane	282	C20H42	000112-95-8	90
5		Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
Data File : BG021710.D
Acq On : 16 Apr 2016 10:06
Operator : UM/SJ
Sample : H2558-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-15-6-7

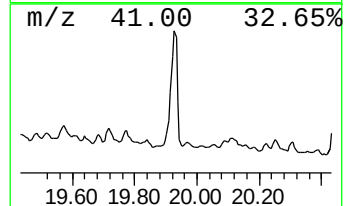
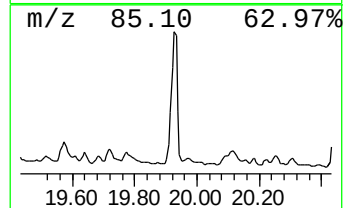
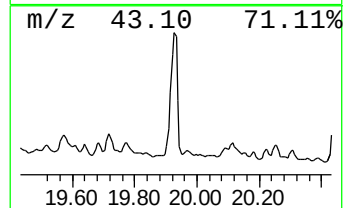
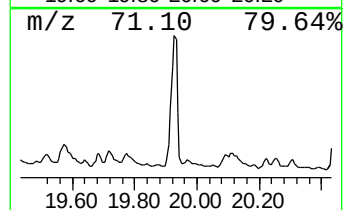
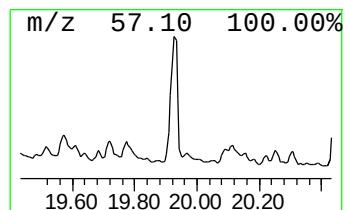
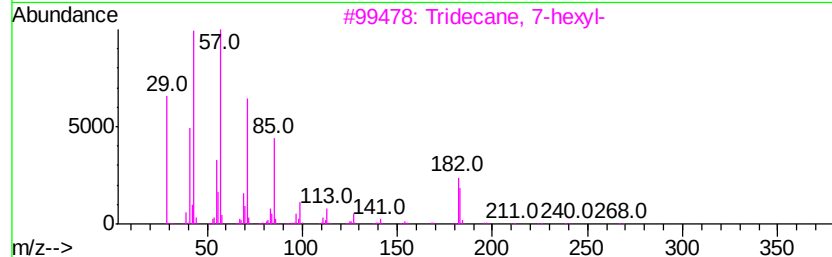
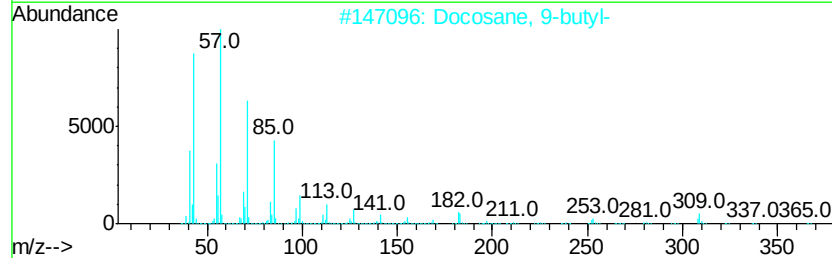
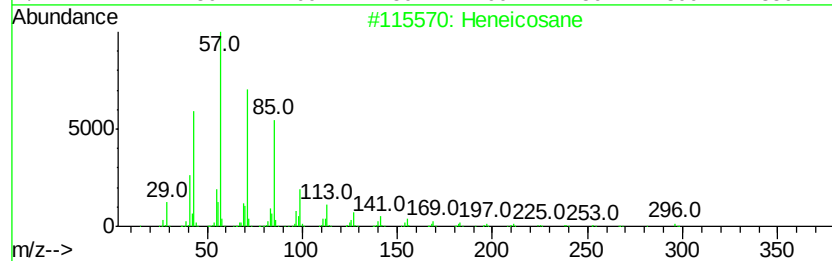
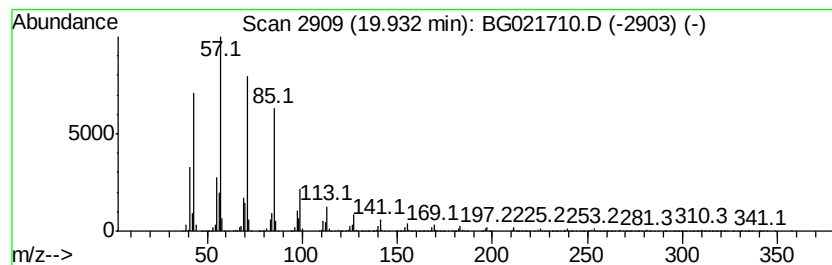
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Heneicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	48.90 ng	9277870	Chrysene-d12	21.85

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Docosane, 9-butyl-		366	C26H54	055282-14-9	91
3	Tridecane, 7-hexyl-		268	C19H40	007225-66-3	90
4	Octadecane		254	C18H38	000593-45-3	87
5	Eicosane		282	C20H42	000112-95-8	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
Data File : BG021710.D
Acq On : 16 Apr 2016 10:06
Operator : UM/SJ
Sample : H2558-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-15-6-7

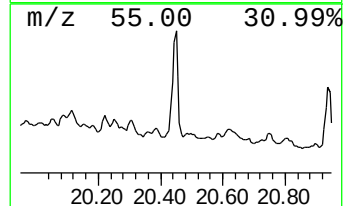
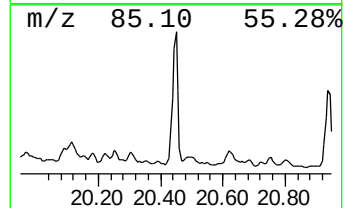
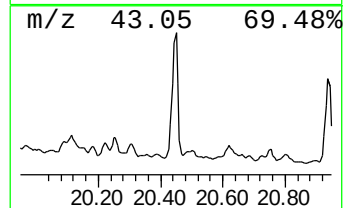
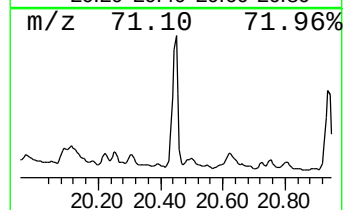
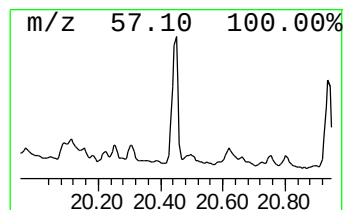
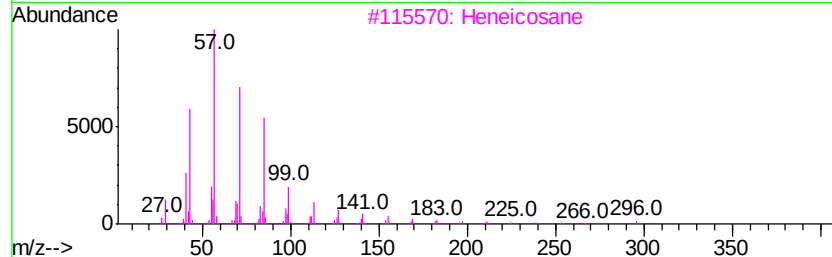
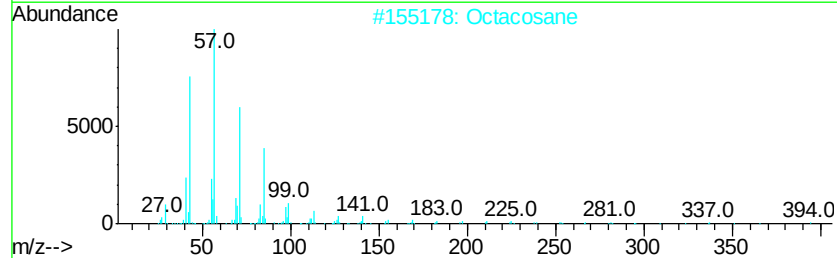
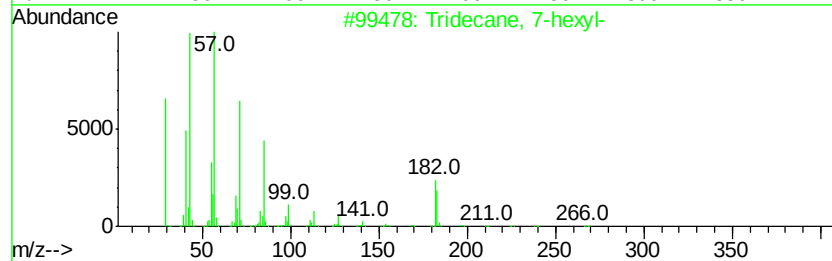
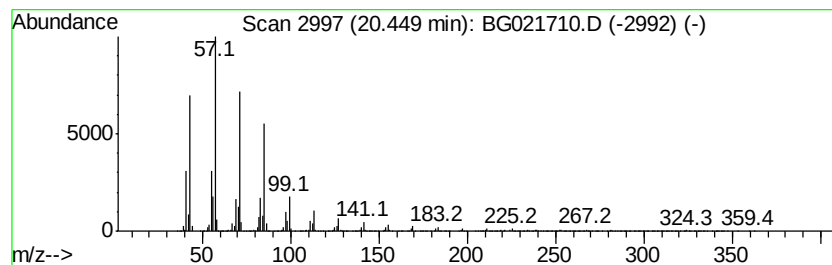
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Tridecane, 7-hexyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.45	33.06 ng	6273390	Chrysene-d12	21.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Eicosane	282	C20H42	000112-95-8	91
5		Heptadecane	240	C17H36	000629-78-7	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041516\
 Data File : BG021710.D
 Acq On : 16 Apr 2016 10:06
 Operator : UM/SJ
 Sample : H2558-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-15-6-7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Decane	7.84	52.4	ng	9989690	1	8.22	3812190	20.0
Benzene, 1,2-diet...	8.87	50.0	ng	9529820	1	8.22	3812190	20.0
Benzene, 2-ethyl-...	9.34	44.1	ng	8404240	1	8.22	3812190	20.0
Undecane	9.47	113.3	ng	21595100	1	8.22	3812190	20.0
Benzene, 4-(chlor...	9.59	43.5	ng	8290180	1	8.22	3812190	20.0
Dodecane, 2,6,11-...	13.40	34.1	ng	9347550	3	14.86	5479570	20.0
Dodecane, 2,6,10-...	14.33	61.5	ng	16861000	3	14.86	5479570	20.0
2,5,8-Trimethyl-1...	14.37	35.2	ng	9633360	3	14.86	5479570	20.0
Pentadecane	14.77	89.7	ng	24578900	3	14.86	5479570	20.0
Tridecane, 7-propyl-	15.36	40.0	ng	10961400	3	14.86	5479570	20.0
Pentadecane, 2,6,...	16.10	44.6	ng	12223700	3	14.86	5479570	20.0
Heptadecane	16.57	183.7	ng	33197900	4	17.59	3615340	20.0
Octadecane	17.35	111.7	ng	20197900	4	17.59	3615340	20.0
Hexadecane, 2,6,1...	17.39	71.6	ng	12944200	4	17.59	3615340	20.0
Hexadecane	18.08	98.2	ng	17746500	4	17.59	3615340	20.0
Eicosane	18.76	83.3	ng	15066800	4	17.59	3615340	20.0
Heptadecane, 2,6,...	19.37	71.0	ng	12827000	4	17.59	3615340	20.0
Heneicosane	19.93	48.9	ng	9277870	5	21.85	3794840	20.0
Tridecane, 7-hexyl-	20.45	33.1	ng	6273390	5	21.85	3794840	20.0