LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090619\
Data File : BF116862.D
Acq On : 6 Sep 2019 15:26
Operator : HP/JU
Sample : K4522-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SIDEWALL-4

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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	2.134	3	8	13	rVB	552057	728453	27.99%	2.624%
2	3.334	210	212	222	rBV	13358	29401	1.13%	0.106%
3	4.516	407	413	420	rBB5	17246	30665	1.18%	0.110%
4	4.922	477	482	487	rVB	26506	29661	1.14%	0.107%
5	5.075	503	508	513	rBV2	69955	80238	3.08%	0.289%
6	5.275	537	542	545	rBV	53593	53947	2.07%	0.194%
7	5.475	571	576	579	rBV	2283753	2261409	86.88%	8.145%
8	5.628	599	602	607	rBV2	32091	44746	1.72%	0.161%
9	5.675	607	610	613	rVB	42399	34424	1.32%	0.124%
10	5.881	638	645	649	rVB3	47707	68173	2.62%	0.246%
11	5.928	649	653	656	rBV2	19767	30928	1.19%	0.111%
12	6.016	663	668	671	rVB2	60613	73712	2.83%	0.266%
13	6.104	680	683	689	rVB2	87246	94237	3.62%	0.339%
14	6.163	689	693	695	rBV2	61505	57262	2.20%	0.206%
15	6.292	710	715	719	rBV3	48857	59976	2.30%	0.216%
16	6.386	728	731	734	rBV3	59174	70412	2.71%	0.254%
17	6.486	742	748	751	rBV	2374040	2476544	95.14%	8.920%
18	6.622	766	771	774	rBV	2746860	2466324	94.75%	8.883%
19	6.686	778	782	785	rBV3	19811	33587	1.29%	0.121%
20	6.845	806	809	812	rBV	617133	502598	19.31%	1.810%
21	7.004	832	836	839	rBV	2128944	1833497	70.44%	6.604%
22	7.128	854	857	860	rVB	39913	39859	1.53%	0.144%
23	7.245	872	877	880	rBV2	37638	36854	1.42%	0.133%
24	7.410	894	905	910	rBV	1357670	1599549	61.45%	5.761%
25	7.492	915	919	923	rVV5	29645	45491	1.75%	0.164%
26	7.628	935	942	945	rBV4	28490	48900	1.88%	0.176%
27	7.775	964	967	970	rVB3	41245	42165	1.62%	0.152%
28	7.816	970	974	976	rBV4	22939	30009	1.15%	0.108%
29	7.869	980	983	986	rVV	68074	54127	2.08%	0.195%
30	8.128	1022	1027	1033	rBV	733331	712030	27.35%	2.565%
31	8.192	1033	1038	1040	rVB2	110060	117419	4.51%	0.423%
32	8.422	1070	1077	1081	rBV6	62012	101487	3.90%	0.366%
33	8.510	1089	1092	1096	rBV4	43111	46198	1.77%	0.166%
34	8.551	1096	1099	1101	rBV	106812	92557	3.56%	0.333%

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Sample : K4522-01
Misc :
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Instrument : BNA_F
ClientSampleId : SIDEWALL-4

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.592	1104	1106	1110	rVB2	49939	43176	1.66%	0.156%
36	8.675	1115	1120	1122	rBV4	34658	42167	1.62%	0.152%
37	8.722	1125	1128	1130	rBV3	30318	38497	1.48%	0.139%
38	8.822	1141	1145	1146	rBV3	59232	58265	2.24%	0.210%
39	8.839	1146	1148	1151	rVB	82420	63867	2.45%	0.230%
40	8.939	1157	1165	1168	rBV	94976	157676	6.06%	0.568%
41	9.010	1174	1177	1178	rBV3	26037	29556	1.14%	0.106%
42	9.039	1179	1182	1185	rVB3	54142	58612	2.25%	0.211%
43	9.151	1198	1201	1205	rBV	176622	148218	5.69%	0.534%
44	9.204	1205	1210	1213	rBV	2957503	2602970	100.00%	9.376%
45	9.292	1221	1225	1229	rBV6	70144	109019	4.19%	0.393%
46	9.398	1240	1243	1247	rVB	57054	70179	2.70%	0.253%
47	9.469	1251	1255	1258	rVB	90235	126415	4.86%	0.455%
48	9.539	1264	1267	1269	rBV	137946	117002	4.49%	0.421%
49	9.563	1269	1271	1273	rBV	62806	46327	1.78%	0.167%
50	9.592	1273	1276	1278	rBV	461859	406449	15.61%	1.464%
51	9.657	1284	1287	1290	rBV	55943	48469	1.86%	0.175%
52	9.739	1299	1301	1306	rBV3	37683	57159	2.20%	0.206%
53	9.792	1306	1310	1314	rVB5	53155	60258	2.31%	0.217%
54	9.880	1318	1325	1330	rBV	872553	819817	31.50%	2.953%
55	9.986	1340	1343	1347	rVB2	80532	97199	3.73%	0.350%
56	10.027	1347	1350	1355	rBV4	36406	63724	2.45%	0.230%
57	10.080	1355	1359	1363	rVB3	104050	106944	4.11%	0.385%
58	10.122	1363	1366	1368	rBV	68680	57009	2.19%	0.205%
59	10.198	1376	1379	1382	rBV	72934	80702	3.10%	0.291%
60	10.227	1382	1384	1386	rVV	57230	44414	1.71%	0.160%
61	10.257	1386	1389	1391	rVV3	35824	37441	1.44%	0.135%
62	10.292	1391	1395	1400	rVB5	64956	100320	3.85%	0.361%
63	10.339	1401	1403	1406	rBV3	26950	29271	1.12%	0.105%
64	10.422	1414	1417	1419	rBV3	47559	48320	1.86%	0.174%
65	10.445	1419	1421	1424	rVB3	31843	35150	1.35%	0.127%
66	10.533	1431	1436	1440	rBV2	212305	220155	8.46%	0.793%
67	10.669	1454	1459	1463	rBV	1484834	1413660	54.31%	5.092%
68	10.798	1477	1481	1488	rVB	335625	345036	13.26%	1.243%
69	11.004	1513	1516	1522	rVB4	65165	75399	2.90%	0.272%
70	11.121	1532	1536	1539	rBV5	46925	62596	2.40%	0.225%
71	11.263	1557	1560	1566	rVB	195401	215157	8.27%	0.775%

LSC Area Percent Report

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Sample : K4522-01
Misc :
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Instrument : BNA_F
ClientSampleId : SIDEWALL-4

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.363	1574	1577	1580	rBV	717694	684896	26.31%	2.467%
73	11.610	1617	1619	1623	rVB	49629	50535	1.94%	0.182%
74	11.892	1664	1667	1671	rVB2	209008	192284	7.39%	0.693%
75	11.974	1679	1681	1684	rVB3	37244	32925	1.26%	0.119%
76	12.345	1741	1744	1750	rVB4	44205	60573	2.33%	0.218%
77	12.415	1753	1756	1758	rVV2	40190	39257	1.51%	0.141%
78	12.451	1759	1762	1765	rVB3	37709	31421	1.21%	0.113%
79	12.574	1780	1783	1788	rVB	143373	124373	4.78%	0.448%
80	12.674	1796	1800	1802	rBV	82866	86340	3.32%	0.311%
81	12.804	1817	1822	1824	rBV	116744	109897	4.22%	0.396%
82	12.945	1842	1846	1850	rVB	2073199	2057740	79.05%	7.412%
83	13.839	1995	1998	2004	rVB3	104326	127730	4.91%	0.460%
84	13.998	2021	2025	2028	rBV	539060	512726	19.70%	1.847%
85	14.162	2050	2053	2056	rBV	68472	61337	2.36%	0.221%
86	14.468	2102	2105	2110	rVB	81828	79155	3.04%	0.285%
87	14.774	2154	2157	2160	rVB	107812	95221	3.66%	0.343%
88	14.845	2167	2169	2172	rBV2	22055	29898	1.15%	0.108%
89	15.033	2199	2201	2209	rVB	54431	103639	3.98%	0.373%
90	15.109	2210	2214	2217	rBV	112385	114658	4.40%	0.413%
91	15.339	2251	2253	2260	rVB	35172	44064	1.69%	0.159%
92	15.398	2260	2263	2269	rVB	54281	66342	2.55%	0.239%
93	15.462	2269	2274	2284	rVB	379316	631459	24.26%	2.274%
94	15.915	2346	2351	2356	rBV	80029	127699	4.91%	0.460%
95	16.415	2432	2436	2443	rVB4	55192	86253	3.31%	0.311%
96	16.909	2517	2520	2526	rVB2	24449	49370	1.90%	0.178%

Sum of corrected areas: 27763226

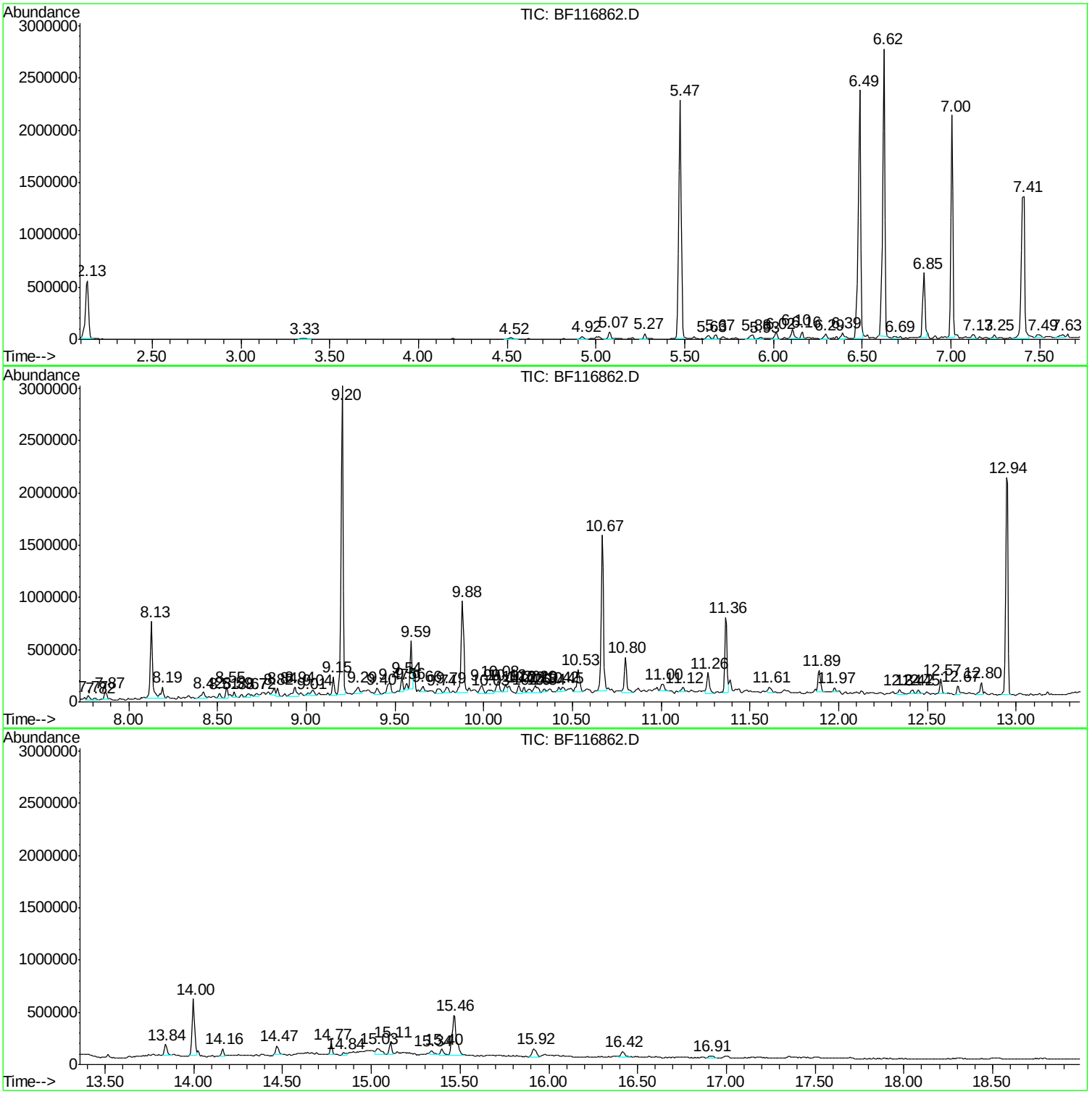
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090619\
Data File : BF116862.D
Acq On : 6 Sep 2019 15:26
Operator : HP/JU
Sample : K4522-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SIDEWALL-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090619\
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Acq On : 6 Sep 2019 15:26
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Instrument : BNA_F
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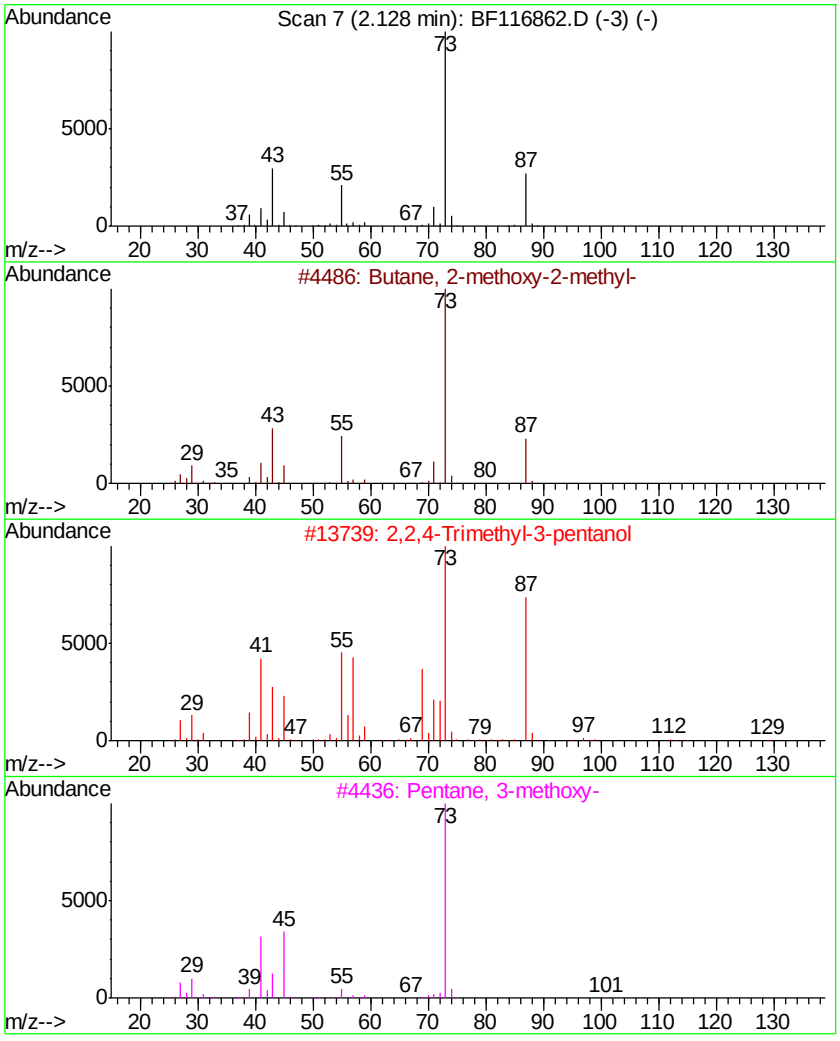
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

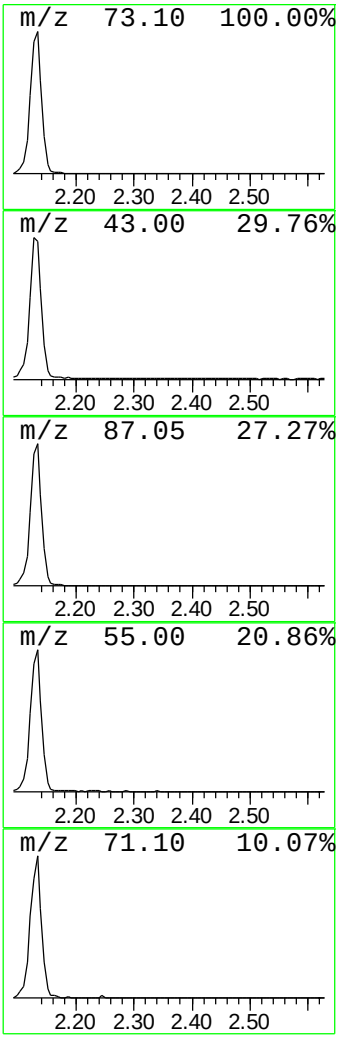
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	28.99 ng	728453	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090619\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SIDEWALL-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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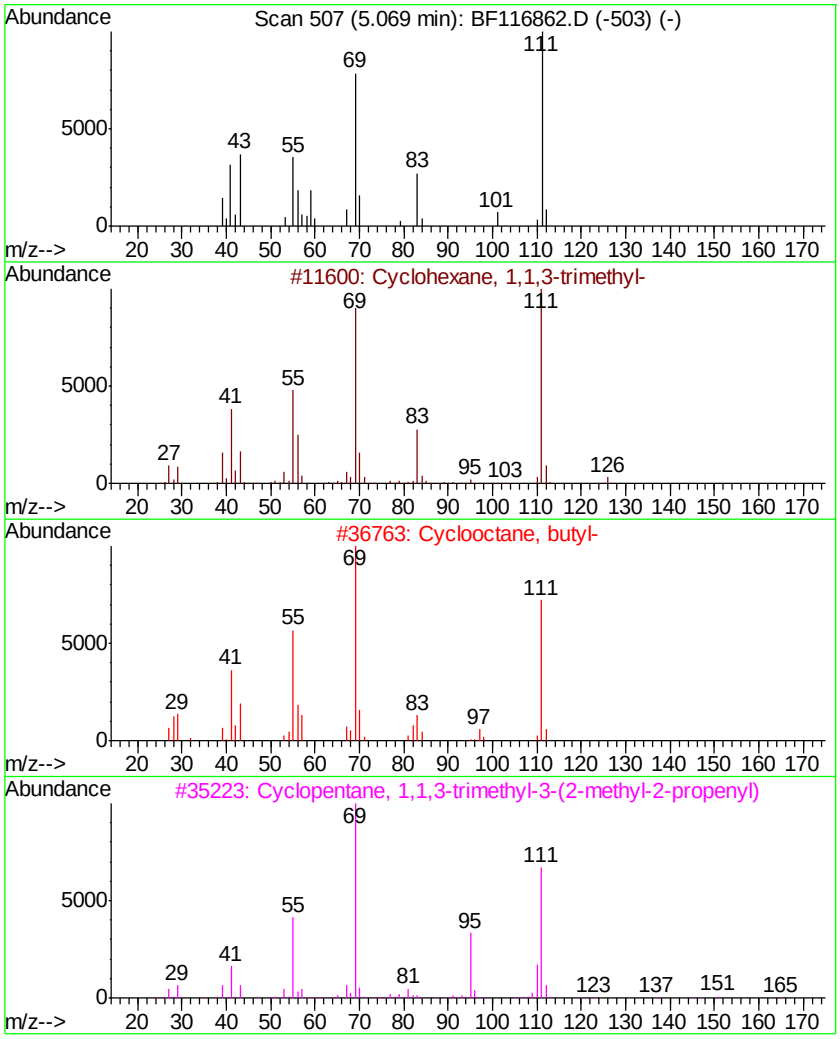
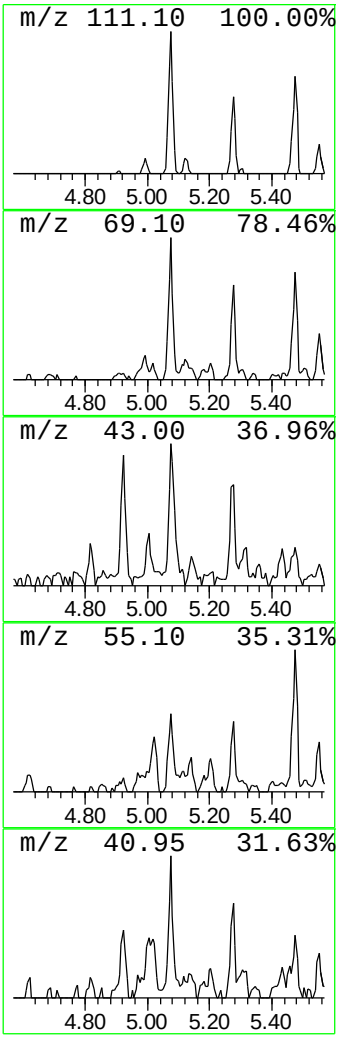
****

Peak Number 2 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	3.19 ng	80238	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	80
2	Cyclooctane, butyl-	168	C12H24	016538-93-5	50
3	Cyclopentane, 1,1,3-trimethyl-3-...	166	C12H22	074421-09-3	50
4	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	45
5	Cyclooctane, tetradecyl-	308	C22H44	149003-36-1	45





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

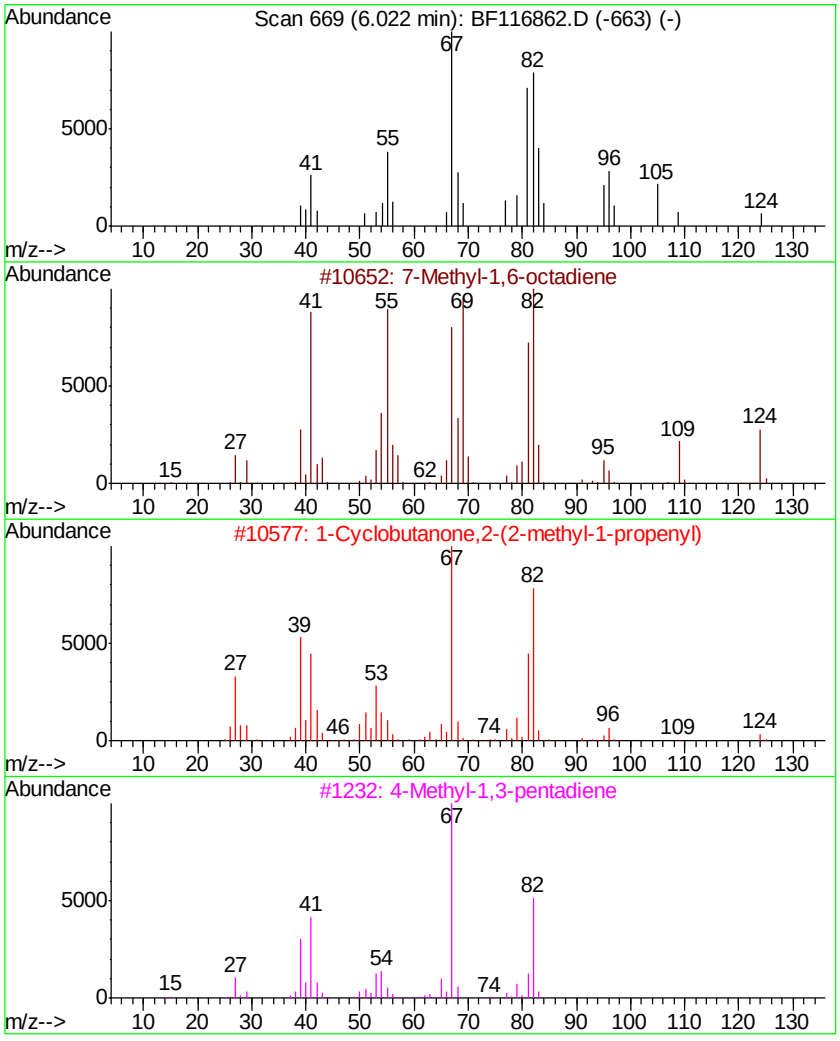
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

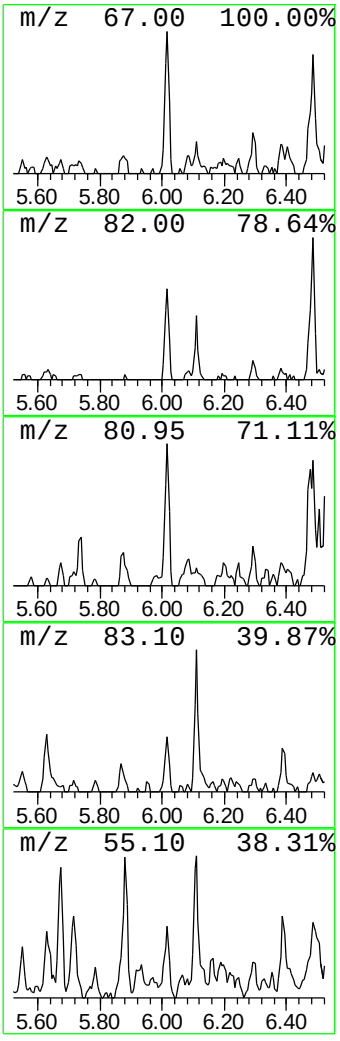
****

Peak Number 3 7-Methyl-1,6-octadiene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.02	2.93 ng	73712	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methyl-1,6-octadiene	124	C9H16	042152-47-6	53
2	1-Cyclobutanone,2-(2-methyl-1-pr...	124	C8H12O	091531-45-2	53
3	4-Methyl-1,3-pentadiene	82	C6H10	000926-56-7	47
4	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	47
5	3-Aminocrotononitrile	82	C4H6N2	001118-61-2	47





Library Search Compound Report

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

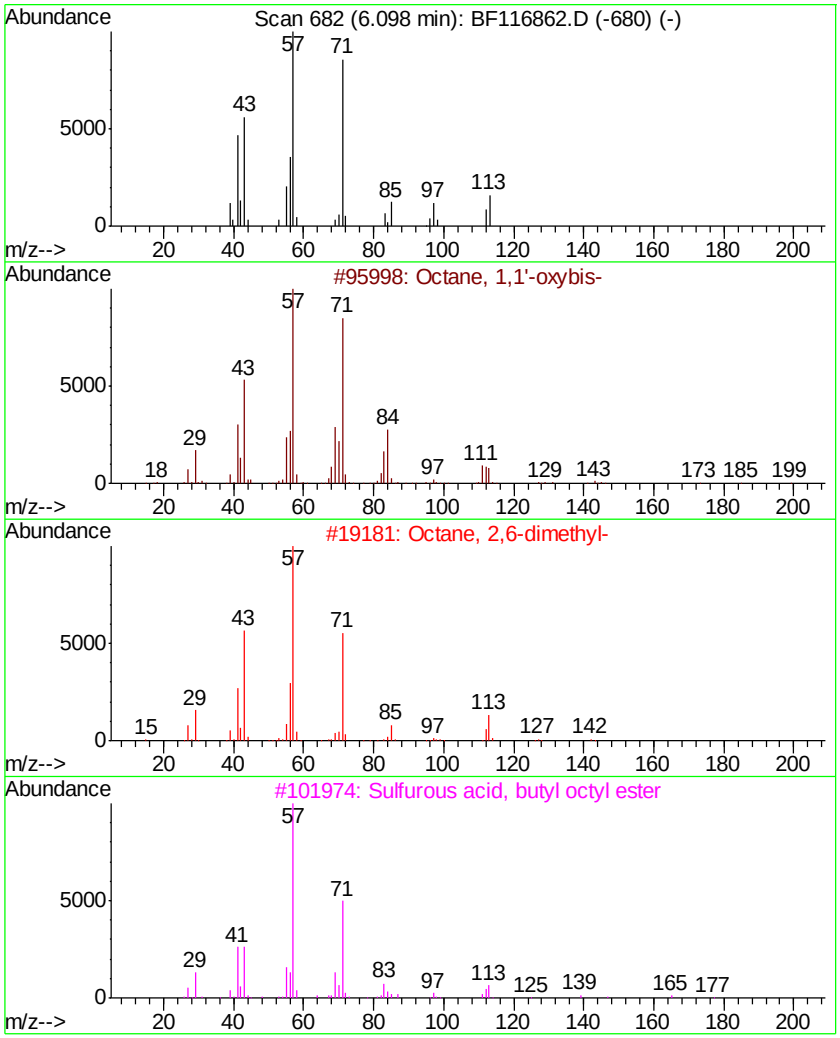
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

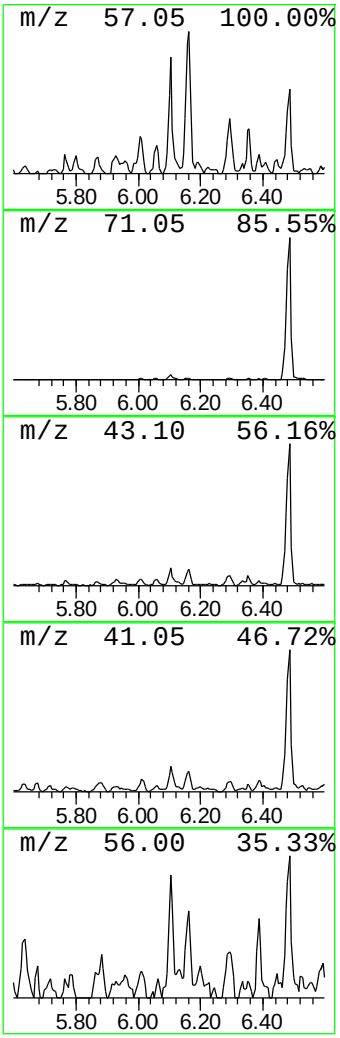
****

Peak Number 4 Octane, 1,1'-oxybis- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.10	3.75 ng	94237	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	59
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
3	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	59
4	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	53
5	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	50





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Acq On : 6 Sep 2019 15:26
Operator : HP/JU
Sample : K4522-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SIDEWALL-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

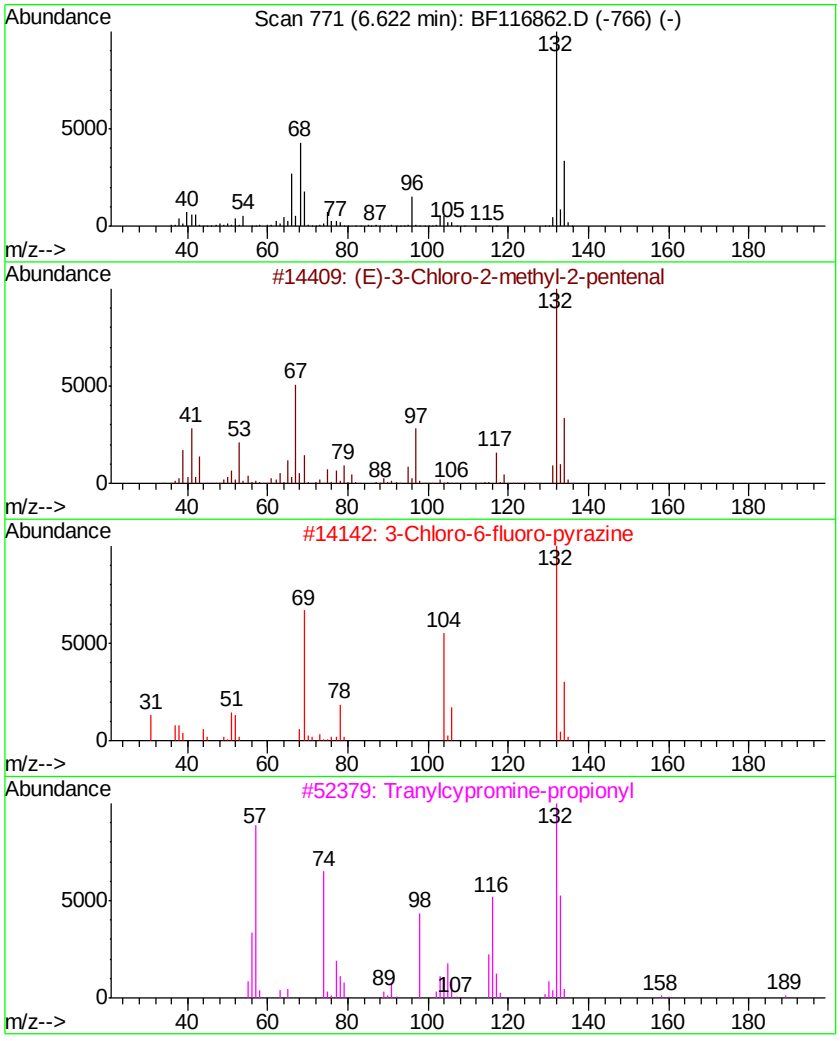
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

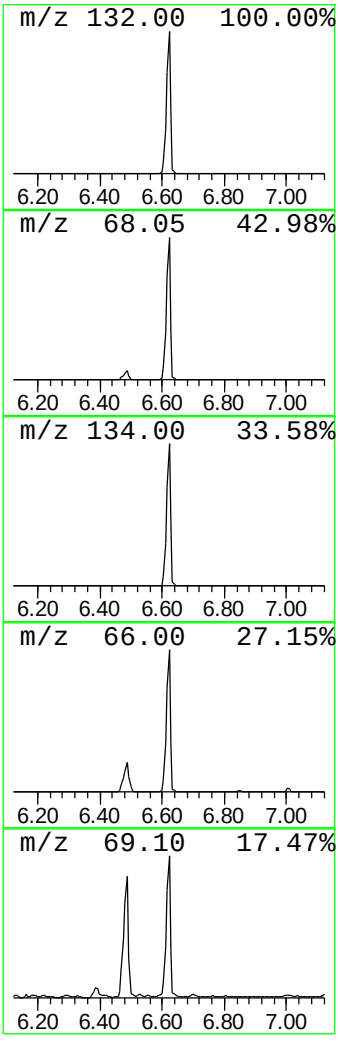
****

Peak Number 5 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	98.14 ng	2466320	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9





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Sample : K4522-01
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ClientSampleId : SIDEWALL-4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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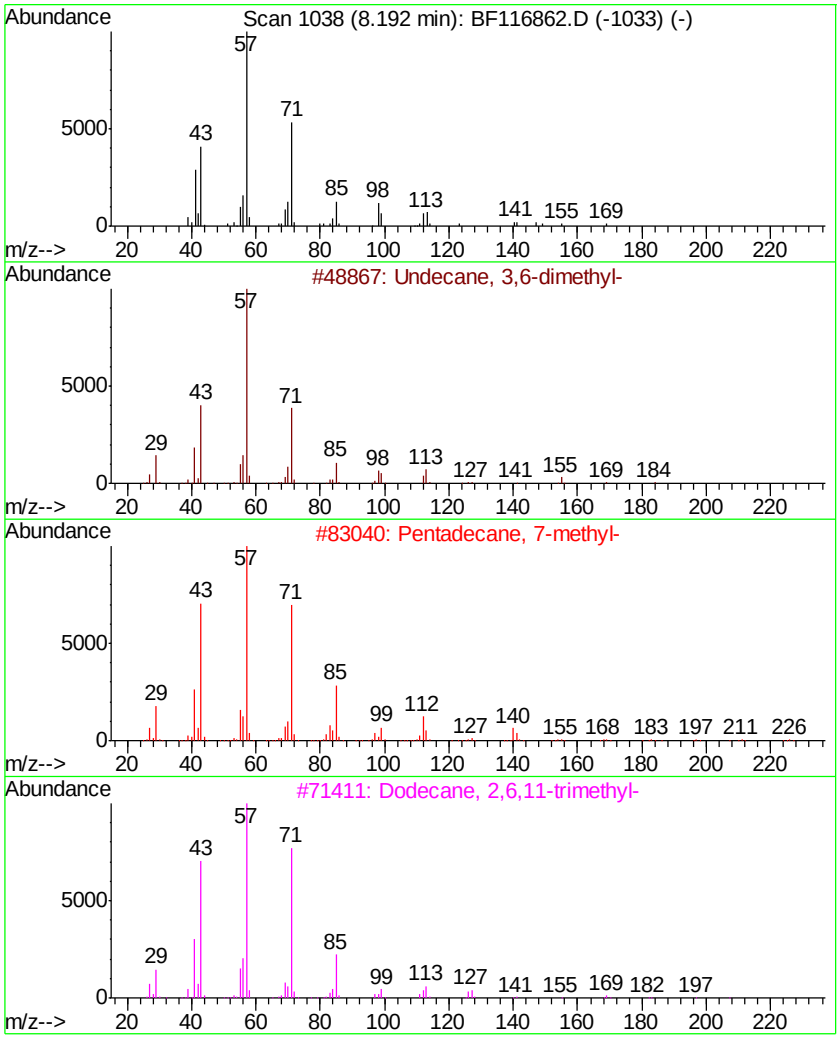
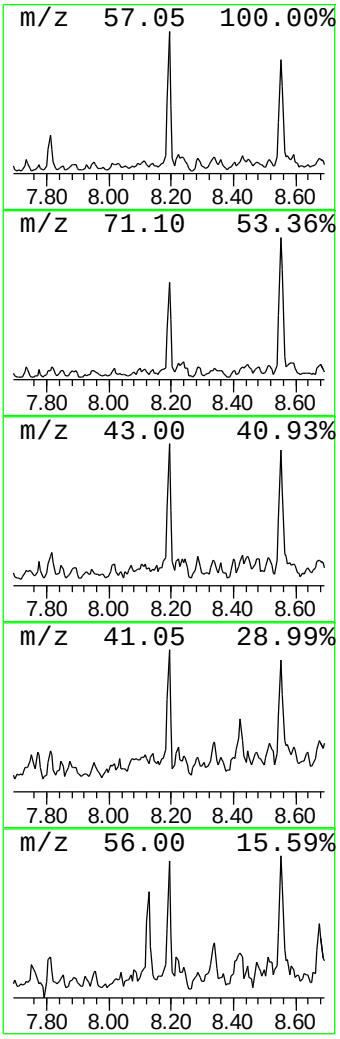
Peak Number 7 Undecane, 3,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	3.30 ng	117419	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	83
2	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	64
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	59
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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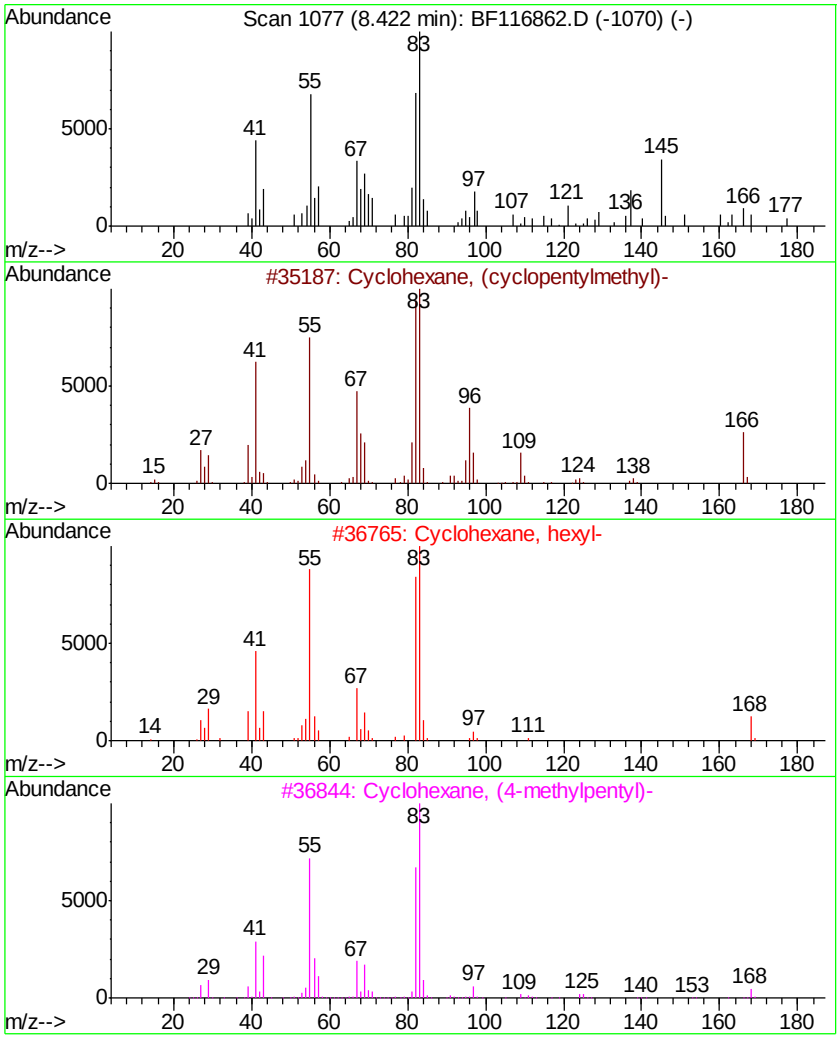
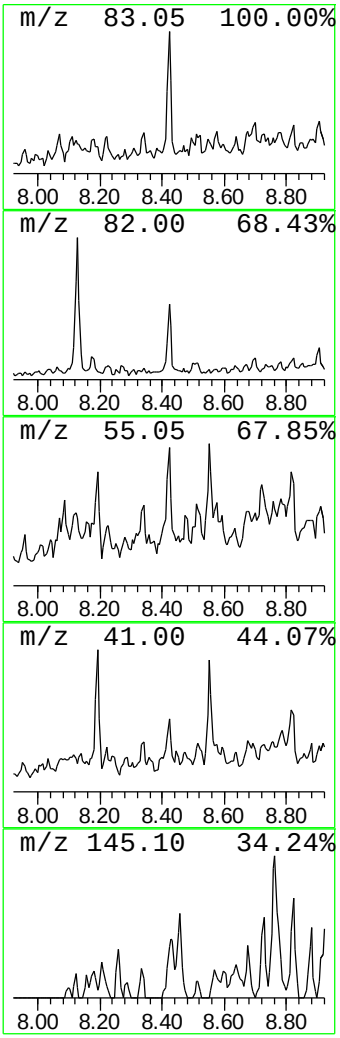
Peak Number 8 Cyclohexane, (cyclopentylme... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	2.85 ng	101487	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (cyclopentylmethyl)-	166	C12H22	004431-89-4	68
2	Cyclohexane, hexyl-	168	C12H24	004292-75-5	53
3	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	52
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	50
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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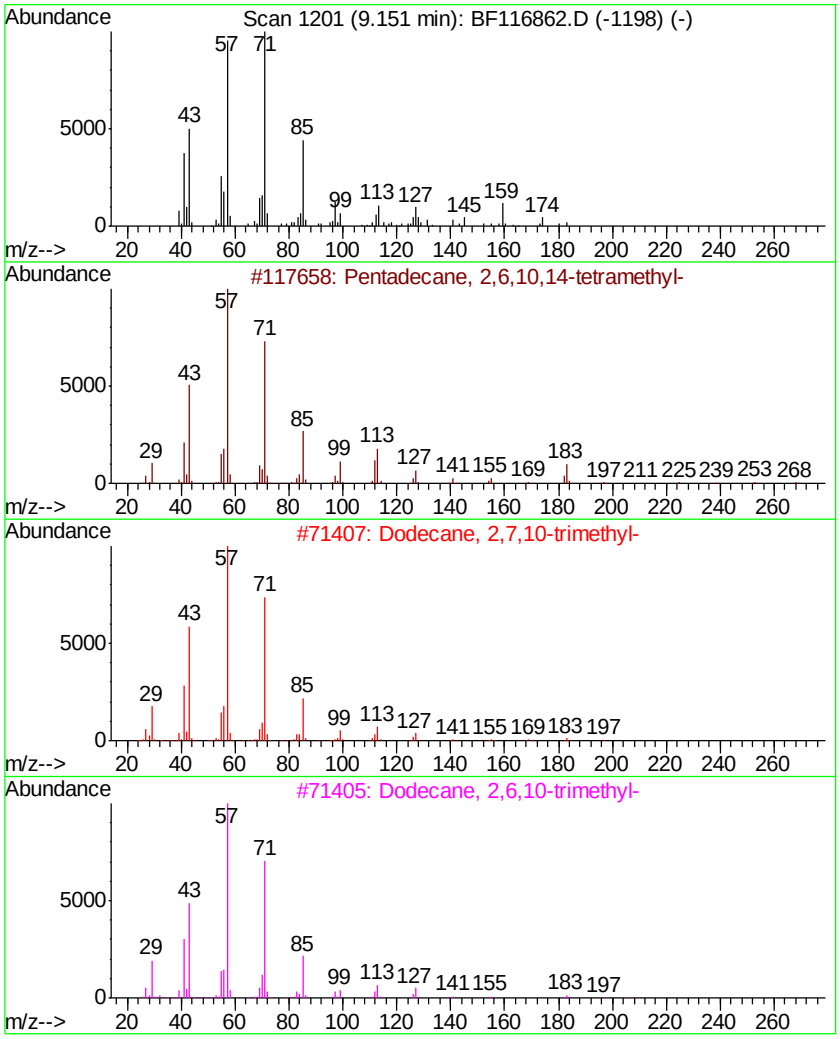
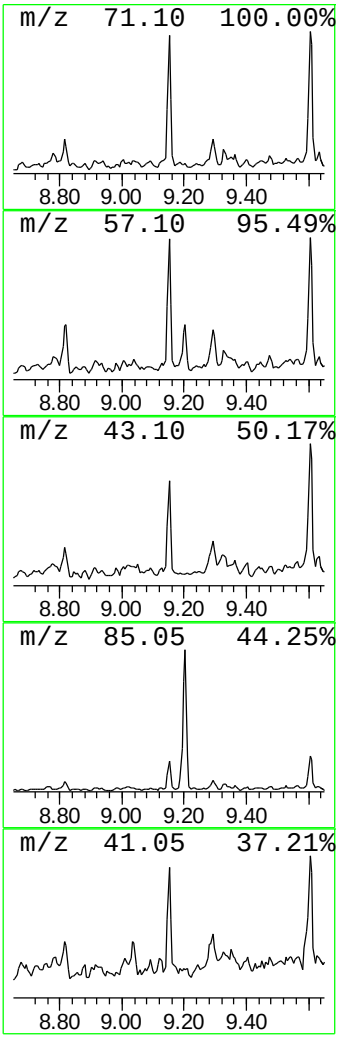
Peak Number 9 Pentadecane, 2,6,10,14-tetr... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	3.62 ng	148218	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	58
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	53
4	Nonane, 1-iodo-	254	C9H19I	004282-42-2	53
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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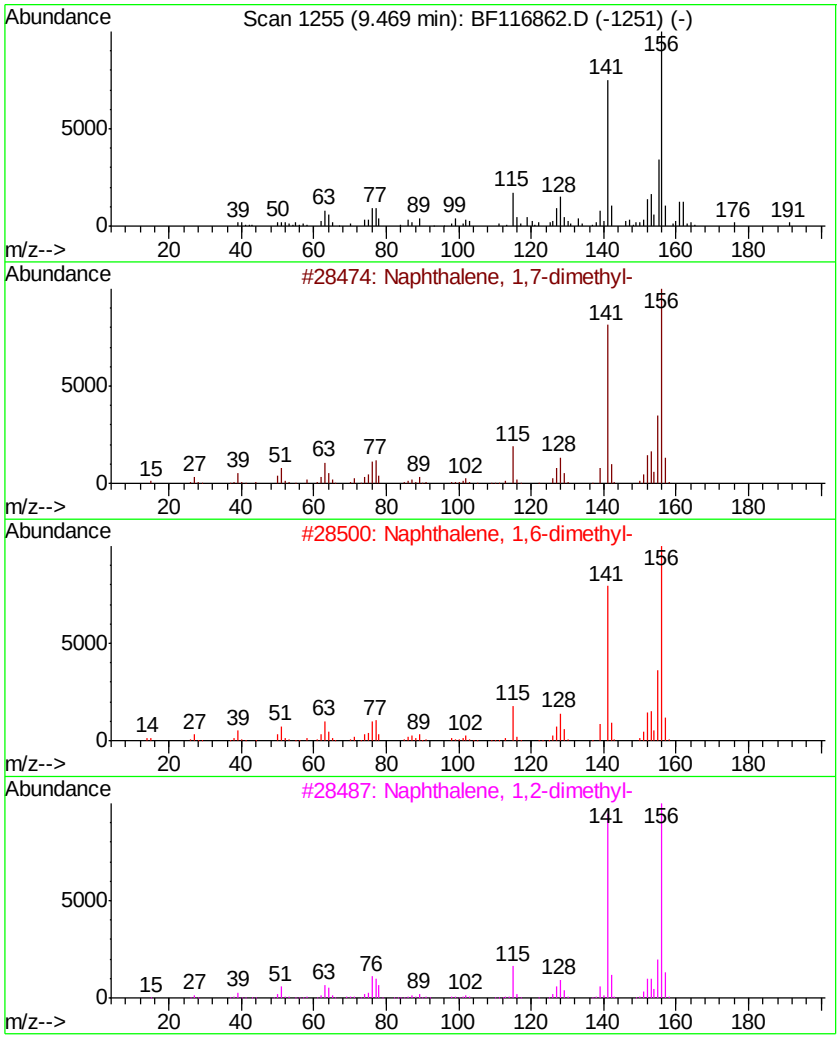
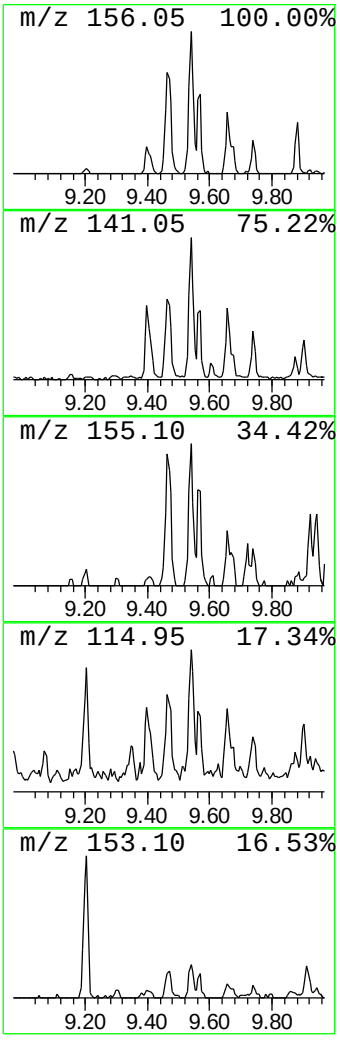
Peak Number 10 Naphthalene, 1,7-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	3.08 ng	126415	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





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ClientSampleId : SIDEWALL-4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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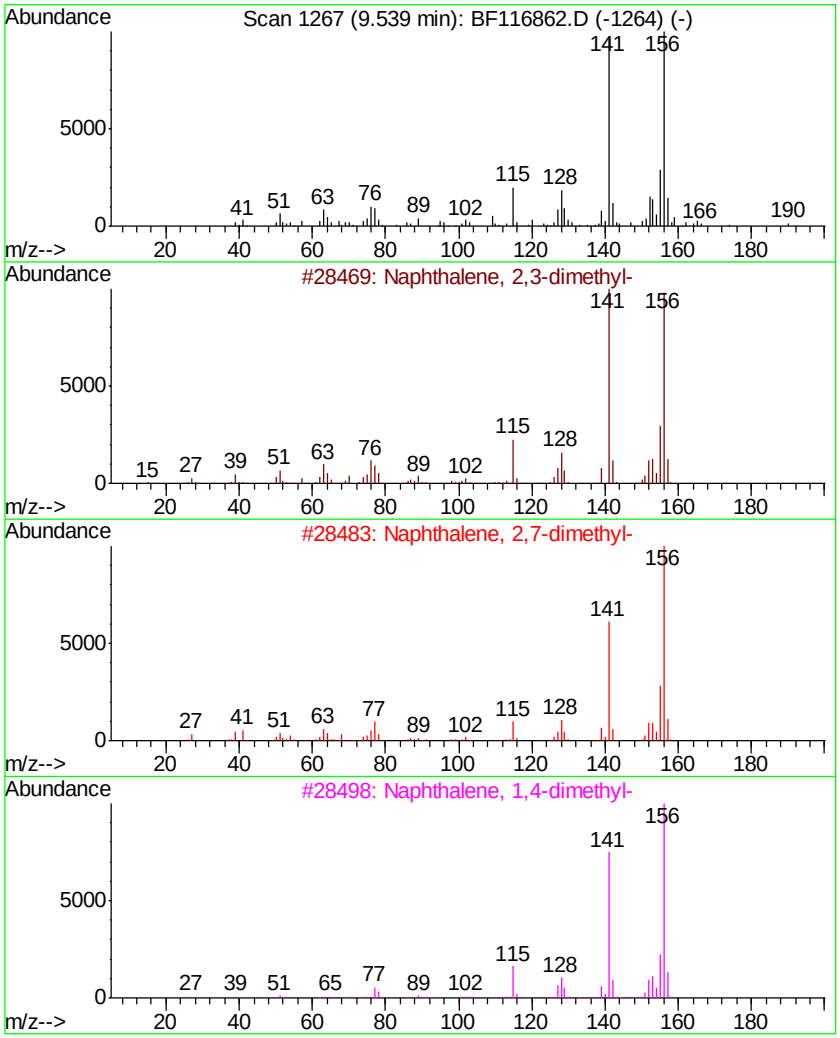
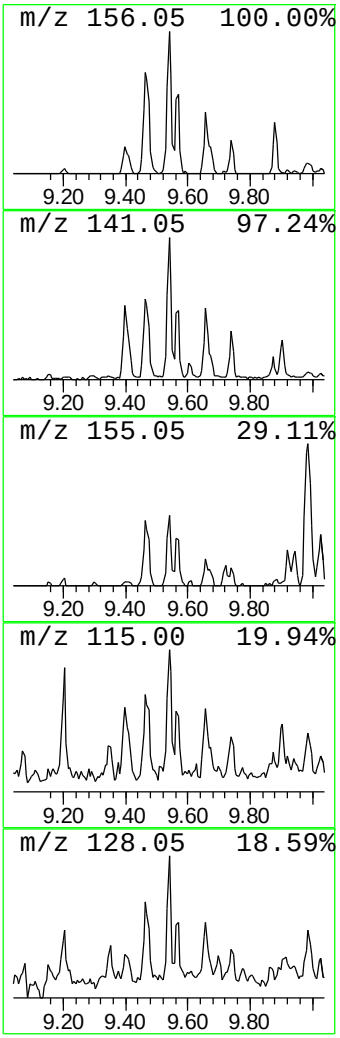
Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	2.85 ng	117002	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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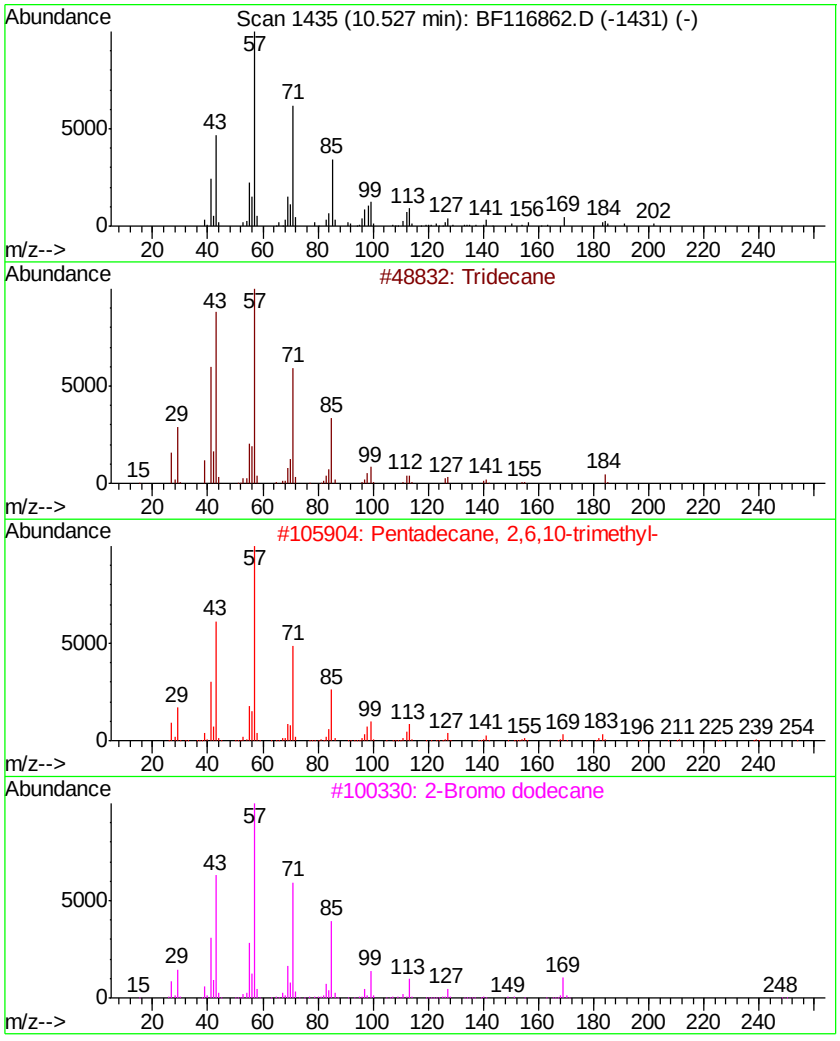
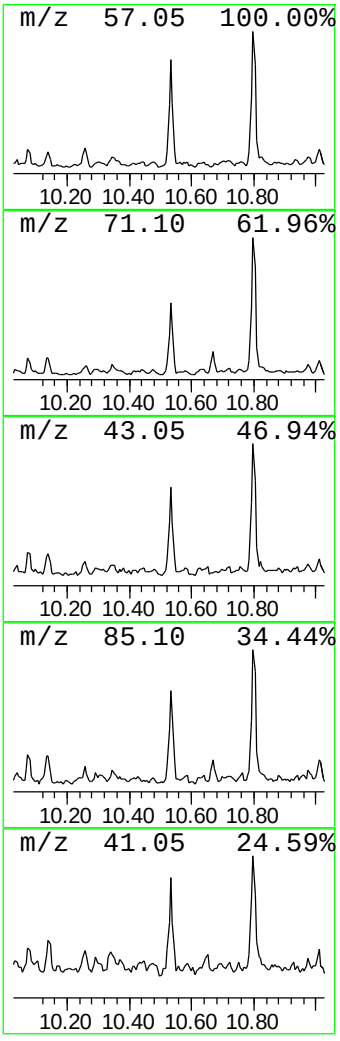
Peak Number 12 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	5.37 ng	220155	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	81
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	80
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	80
4	Heneicosane	296	C21H44	000629-94-7	80
5	Eicosane	282	C20H42	000112-95-8	74





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ClientSampleId : SIDEWALL-4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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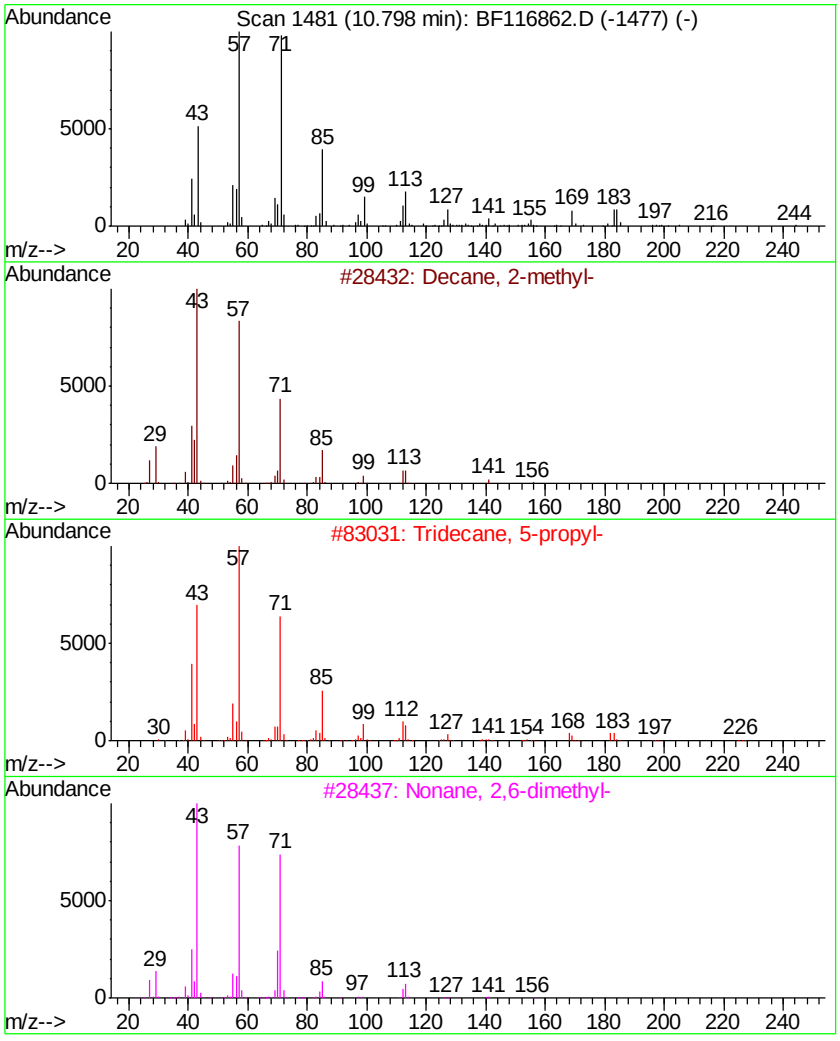
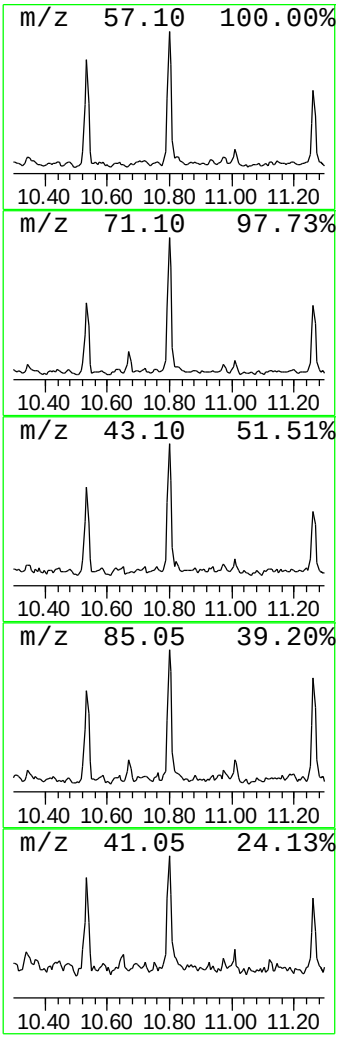
Peak Number 13 Decane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	10.08 ng	345036	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	87
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
3	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	64
4	Tridecane	184	C13H28	000629-50-5	62
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	58





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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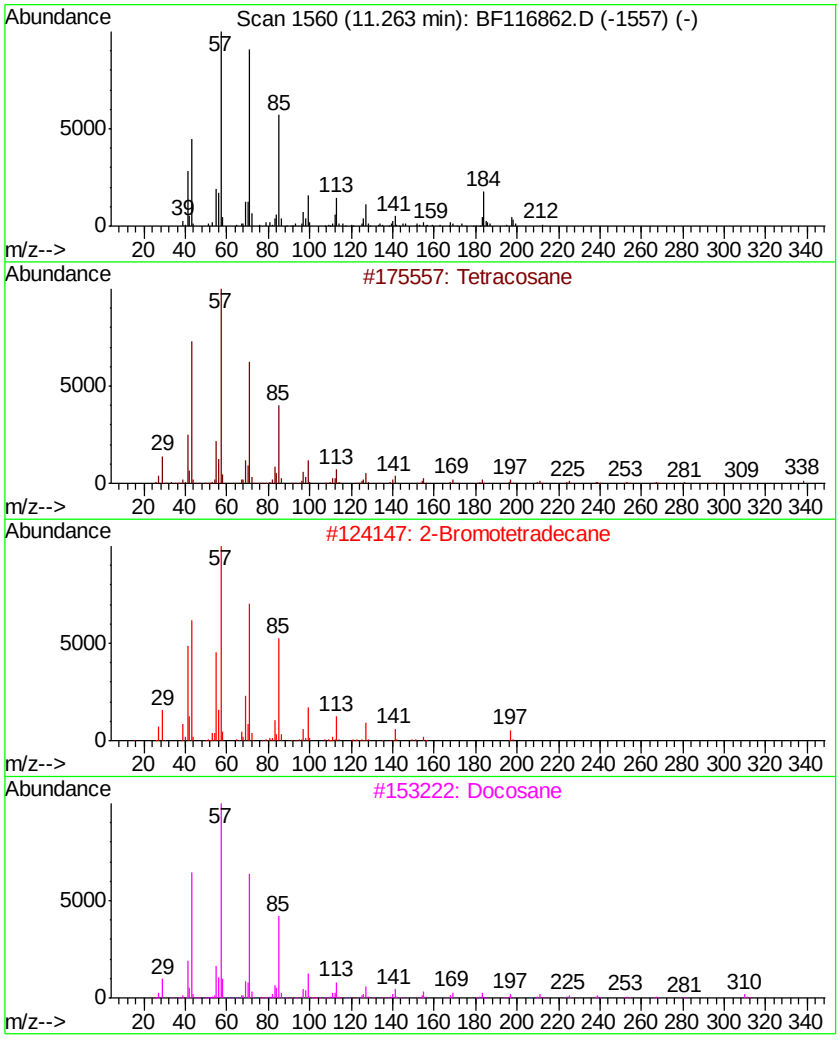
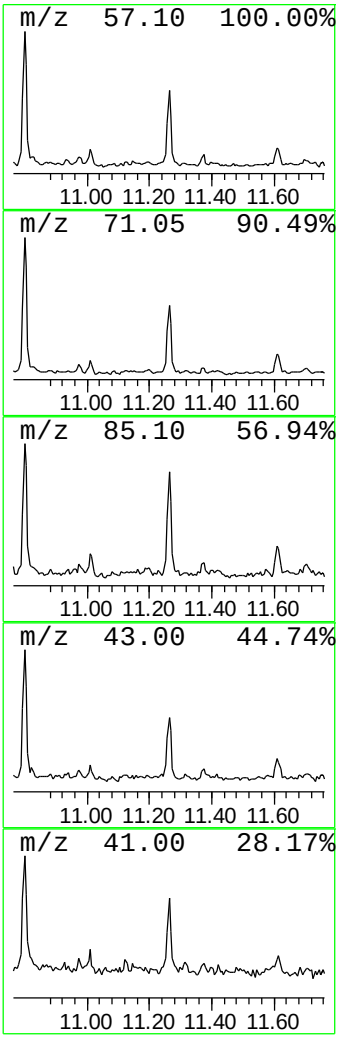
Peak Number 14 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	6.28 ng	215157	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	87
2	2-Bromotetradecane	276	C14H29Br	074036-95-6	86
3	Docosane	310	C22H46	000629-97-0	86
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5	Octadecane	254	C18H38	000593-45-3	86





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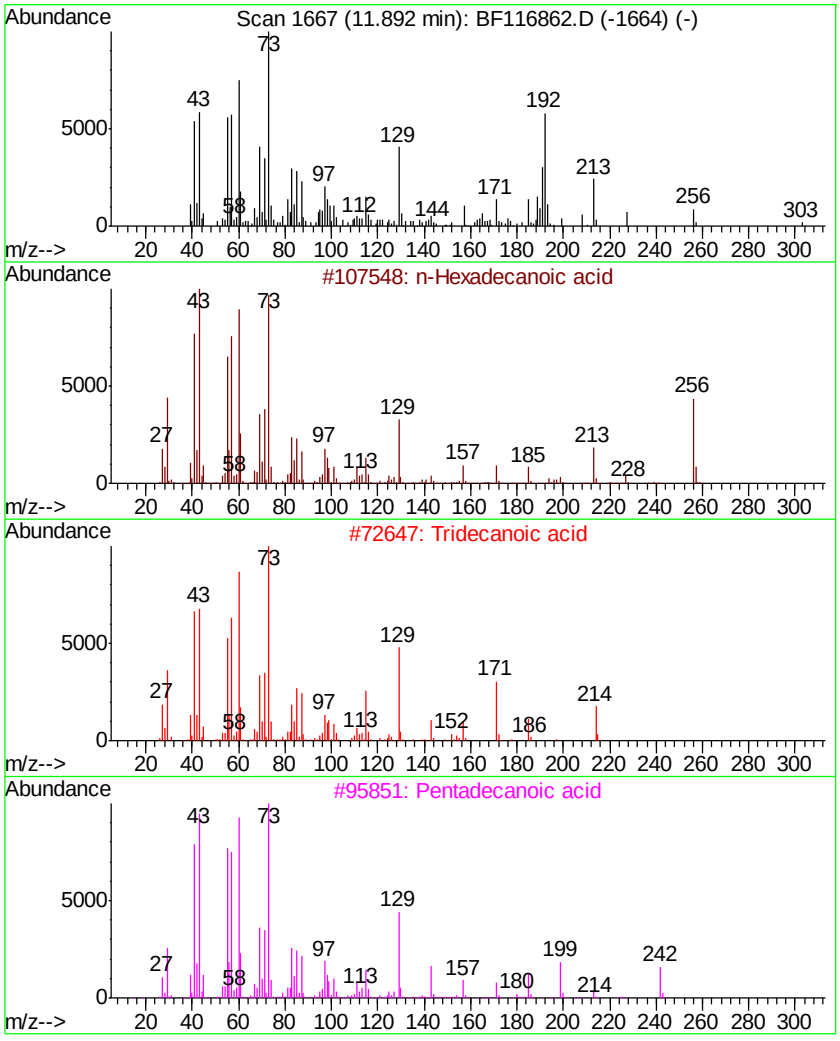
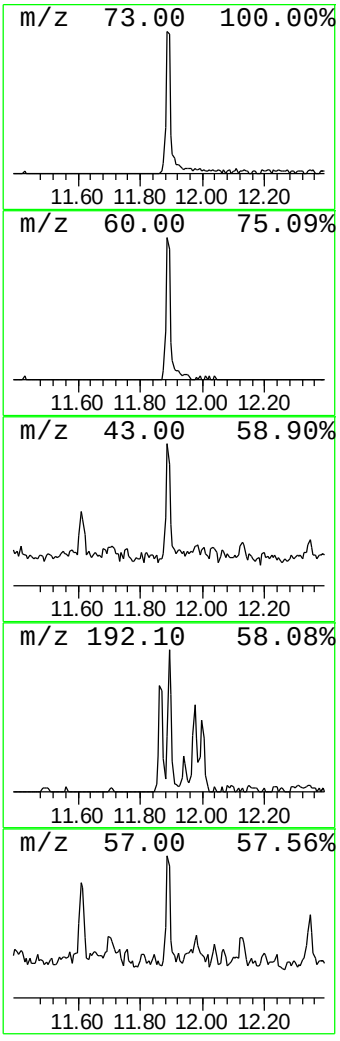
Peak Number 15 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	5.61 ng	192284	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	83
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	53
5	Octadecanoic acid	284	C18H36O2	000057-11-4	52





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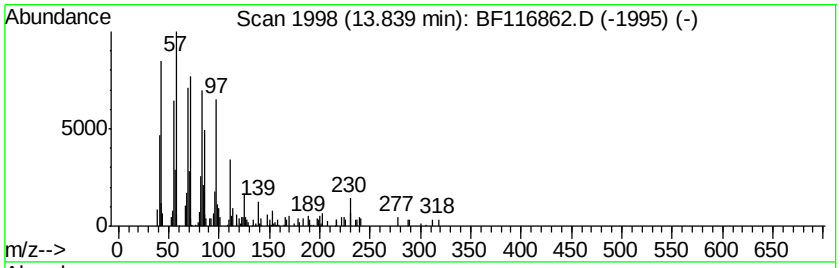
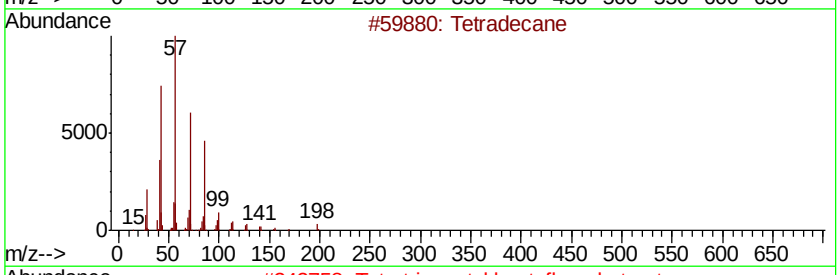
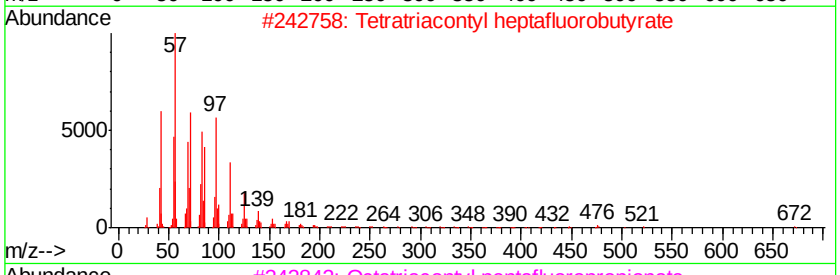
Peak Number 16 Tetratriacontyl heptafluoro... Concentration Rank 8

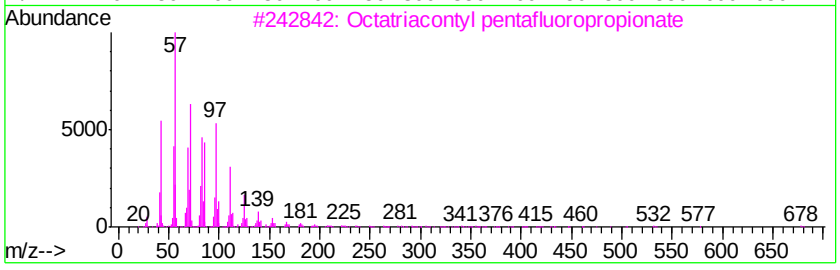
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	4.98 ng	127730	Chrysene-d12	14.00

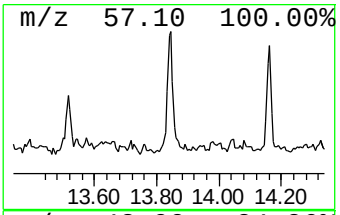
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	Tetratriacontyl heptafluorobutyrate	691	C38H69F7O2	1000351-84-1	83
3	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	83
4	Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	83
5	Tetratriacontyl pentafluoropropi...	641	C37H69F5O2	1000351-81-5	83

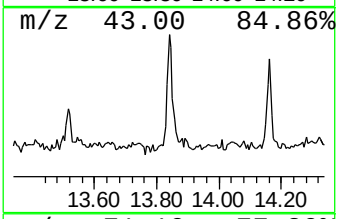


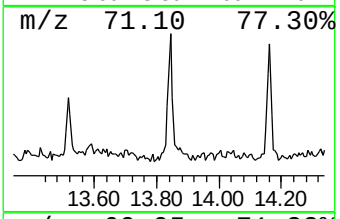


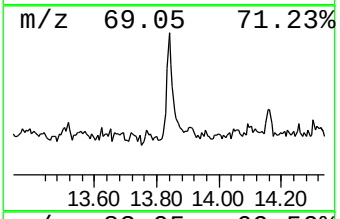


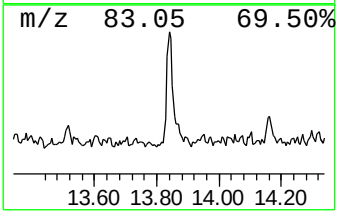












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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SIDEWALL-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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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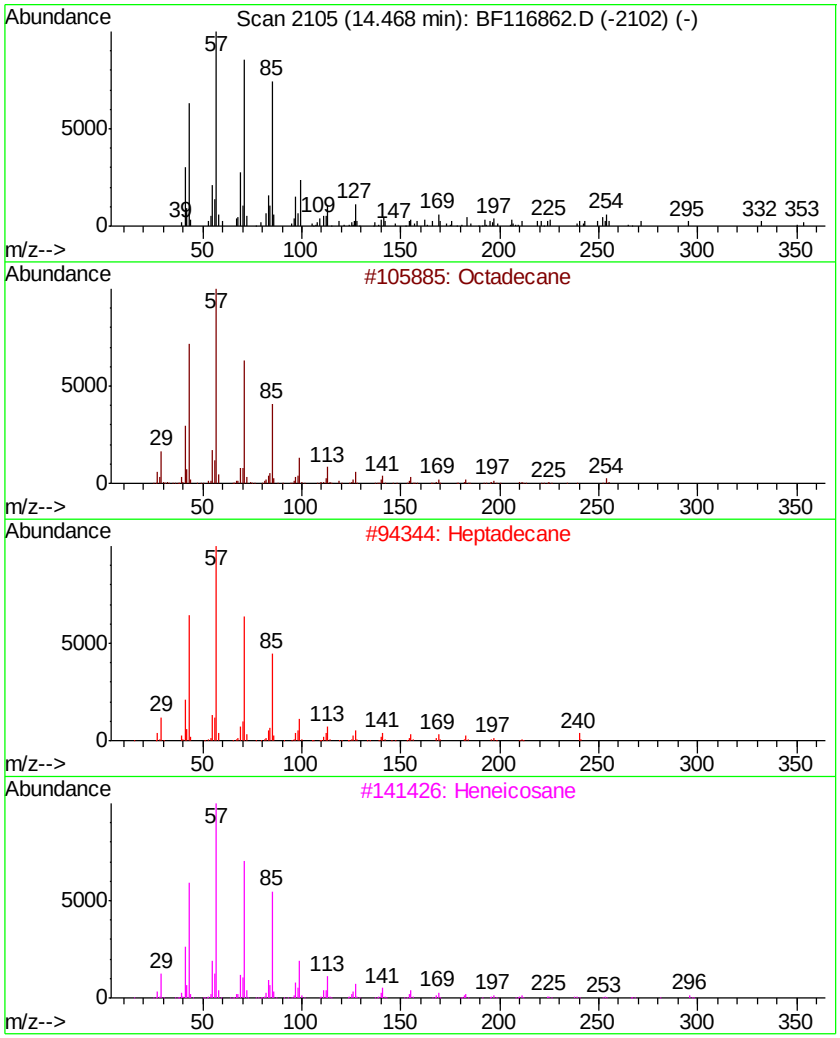
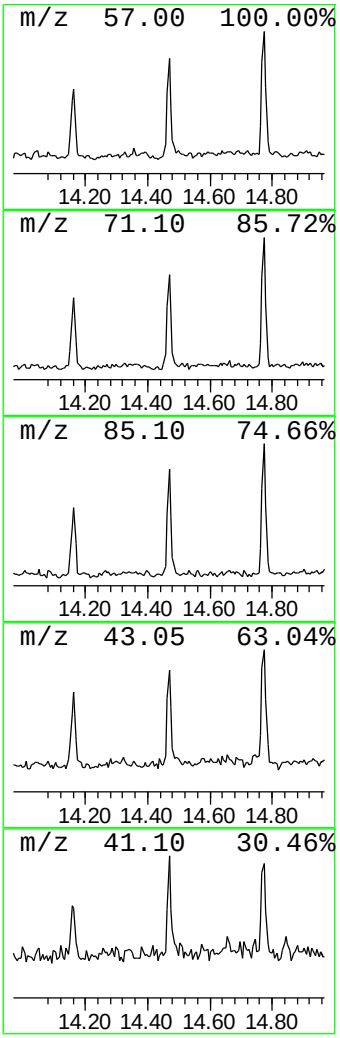
Peak Number 17 Octadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	3.09 ng	79155	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	90
2	Heptadecane	240	C17H36	000629-78-7	86
3	Heneicosane	296	C21H44	000629-94-7	74
4	Octacosane	394	C28H58	000630-02-4	72
5	Tetracosane	338	C24H50	000646-31-1	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090619\
Data File : BF116862.D
Acq On : 6 Sep 2019 15:26
Operator : HP/JU
Sample : K4522-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SIDEWALL-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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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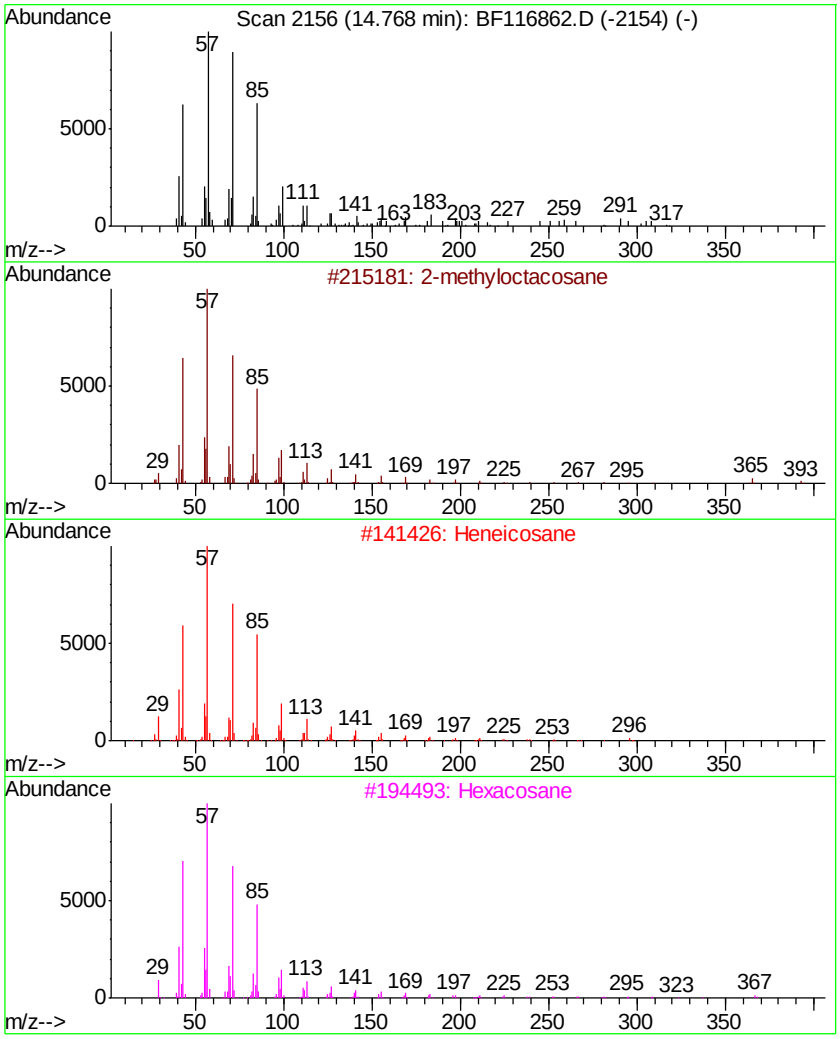
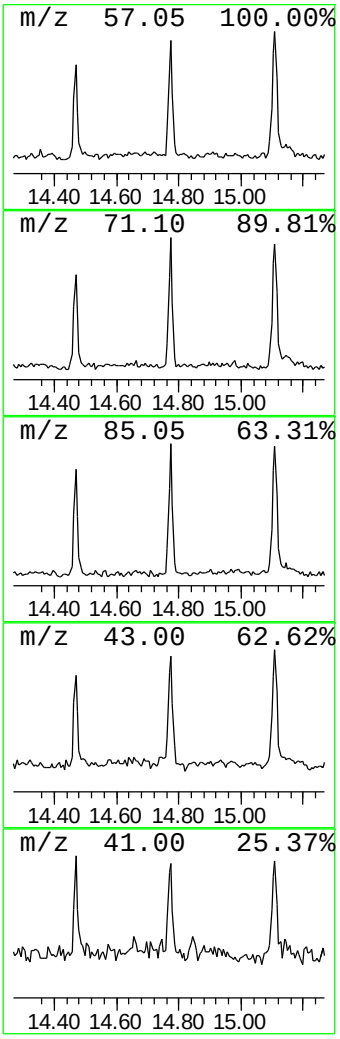
Peak Number 18 2-methyloctacosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	3.02 ng	95221	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heneicosane	296	C21H44	000629-94-7	86
3	Hexacosane	366	C26H54	000630-01-3	83
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	80
5	Tetracosane	338	C24H50	000646-31-1	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090619\
Data File : BF116862.D
Acq On : 6 Sep 2019 15:26
Operator : HP/JU
Sample : K4522-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SIDEWALL-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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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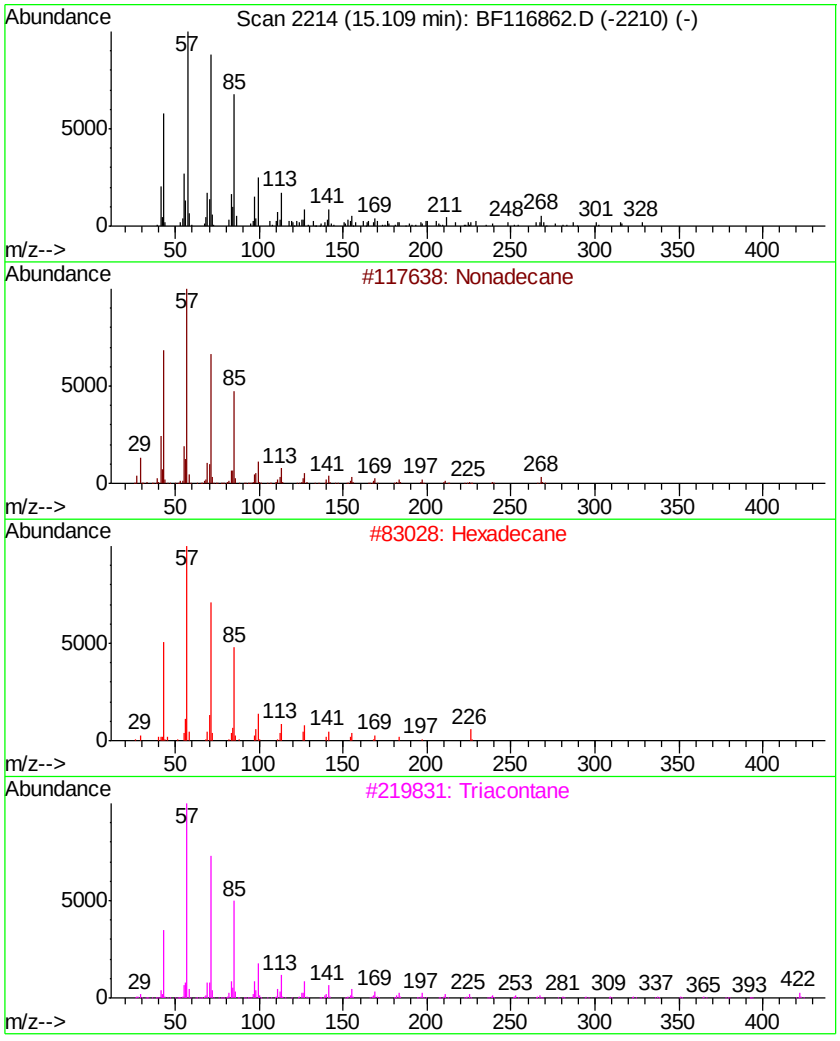
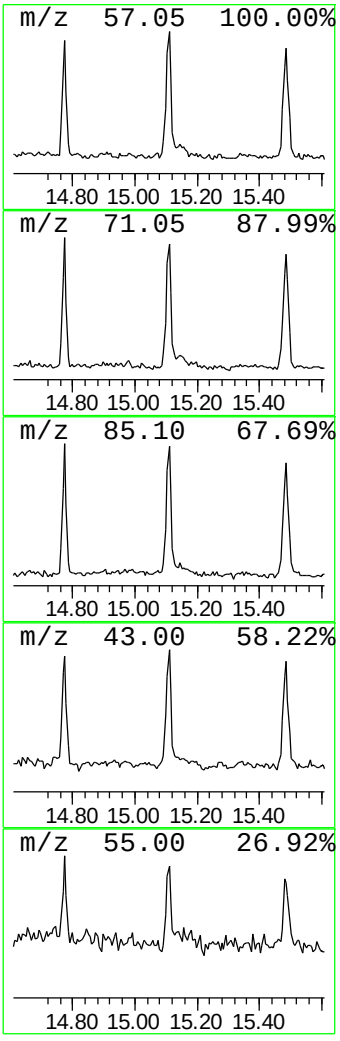
Peak Number 19 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	3.63 ng	114658	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Hexadecane	226	C16H34	000544-76-3	93
3	Triacontane	422	C30H62	000638-68-6	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Heneicosane	296	C21H44	000629-94-7	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090619\
Data File : BF116862.D
Acq On : 6 Sep 2019 15:26
Operator : HP/JU
Sample : K4522-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SIDEWALL-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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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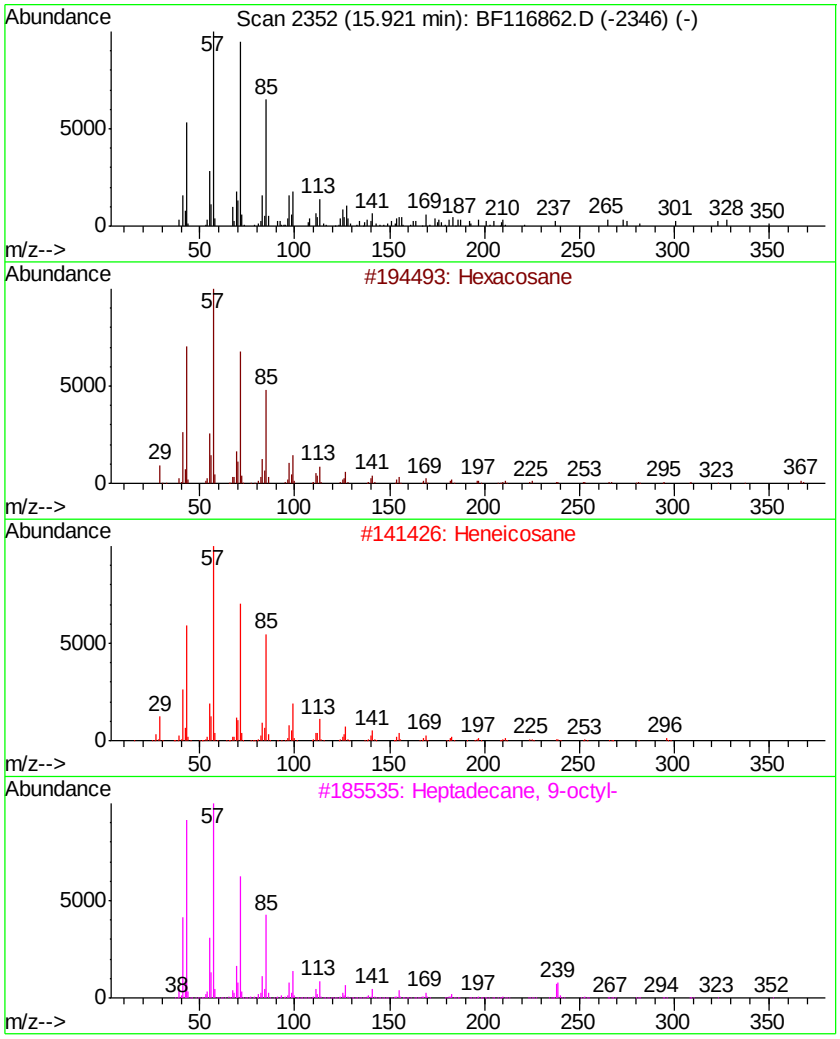
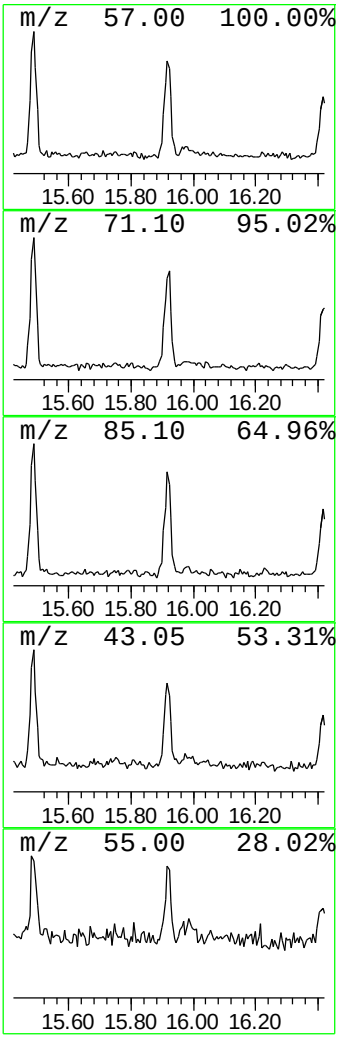
Peak Number 20 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	4.04 ng	127699	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4	2-methyloctacosane	408	C29H60	1000376-72-8	90
5	Triacontane	422	C30H62	000638-68-6	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090619\
Data File : BF116862.D
Acq On : 6 Sep 2019 15:26
Operator : HP/JU
Sample : K4522-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SIDEWALL-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.13	29.0	ng	728453	1	6.85	502598	20.0
Cyclohexane, 1,1,...	5.07	3.2	ng	80238	1	6.85	502598	20.0
7-Methyl-1,6-octa...	6.02	2.9	ng	73712	1	6.85	502598	20.0
Octane, 1,1'-oxybis-	6.10	3.8	ng	94237	1	6.85	502598	20.0
unknown6.62	6.62	98.1	ng	2466320	1	6.85	502598	20.0
Undecane, 3,6-dim...	8.19	3.3	ng	117419	2	8.13	712030	20.0
Cyclohexane, (cyc...	8.42	2.9	ng	101487	2	8.13	712030	20.0
Pentadecane, 2,6,...	9.15	3.6	ng	148218	3	9.88	819817	20.0
Naphthalene, 1,7-...	9.47	3.1	ng	126415	3	9.88	819817	20.0
Naphthalene, 2,3-...	9.54	2.9	ng	117002	3	9.88	819817	20.0
Tridecane	10.53	5.4	ng	220155	3	9.88	819817	20.0
Decane, 2-methyl-	10.80	10.1	ng	345036	4	11.36	684896	20.0
Tetracosane	11.26	6.3	ng	215157	4	11.36	684896	20.0
n-Hexadecanoic acid	11.89	5.6	ng	192284	4	11.36	684896	20.0
Tetratriacontyl h...	13.84	5.0	ng	127730	5	14.00	512726	20.0
Octadecane	14.47	3.1	ng	79155	5	14.00	512726	20.0
2-methyloctacosane	14.77	3.0	ng	95221	6	15.46	631459	20.0
Nonadecane	15.11	3.6	ng	114658	6	15.46	631459	20.0
Hexacosane	15.92	4.0	ng	127699	6	15.46	631459	20.0