LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112738.D
Acq On : 28 Feb 2019 00:16
Operator : JU/SJ
Sample : K1627-05 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03-(0-2)

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-BF022719.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	3.716	271	277	287	rBV5	28796	64225	2.80%	0.230%
2	3.869	298	303	309	rBV	29278	45436	1.98%	0.163%
3	4.022	324	329	334	rBV3	20465	39769	1.73%	0.143%
4	4.357	382	386	393	rVB4	25663	44121	1.92%	0.158%
5	4.469	401	405	411	rBV3	29606	46979	2.05%	0.168%
6	4.875	471	474	479	rVB3	41542	59209	2.58%	0.212%
7	4.945	481	486	489	rBV2	17356	28245	1.23%	0.101%
8	5.151	517	521	524	rBV	29532	33774	1.47%	0.121%
9	5.245	533	537	538	rBV	44809	43673	1.90%	0.157%
10	5.263	538	540	544	rVB	51599	50879	2.22%	0.182%
11	5.340	549	553	557	rBV	2155419	2151610	93.76%	7.712%
12	5.516	580	583	588	rBV3	25969	37103	1.62%	0.133%
13	5.769	621	626	630	rVB3	23490	38096	1.66%	0.137%
14	5.822	630	635	638	rBV4	21887	36272	1.58%	0.130%
15	5.904	644	649	653	rBV4	49664	65771	2.87%	0.236%
16	5.957	653	658	663	rBV4	21017	30090	1.31%	0.108%
17	6.004	663	666	668	rBV	59421	54471	2.37%	0.195%
18	6.204	694	700	703	rBV2	101781	119901	5.22%	0.430%
19	6.257	703	709	711	rVV2	101274	117393	5.12%	0.421%
20	6.287	711	714	717	rVV	68417	74294	3.24%	0.266%
21	6.369	721	728	736	rVV	2366331	2294900	100.00%	8.225%
22	6.504	747	751	755	rBV	2438227	2220937	96.78%	7.960%
23	6.692	780	783	788	rBV3	19735	36932	1.61%	0.132%
24	6.739	788	791	795	rVV	1347841	1139264	49.64%	4.083%
25	6.775	795	797	800	rVB2	53722	42077	1.83%	0.151%
26	6.810	800	803	807	rBV4	48541	56583	2.47%	0.203%
27	6.898	814	818	821	rBV	2083505	1652280	72.00%	5.922%
28	6.922	821	822	827	rVB	59880	51837	2.26%	0.186%
29	6.998	831	835	838	rBV	78481	67707	2.95%	0.243%
30	7.034	838	841	844	rVB2	42112	43250	1.88%	0.155%
31	7.069	844	847	849	rBV2	188833	139654	6.09%	0.501%
32	7.098	849	852	856	rVB	62671	65458	2.85%	0.235%
33	7.145	856	860	865	rBV	101638	87955	3.83%	0.315%
34	7.298	880	886	894	rBV2	1461635	1529912	66.67%	5.484%

LSC Area Percent Report

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Acq On : 28 Feb 2019 00:16
Operator : JU/SJ
Sample : K1627-05 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03-(0-2)

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

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.398	898	903	907	rVB3	35107	49840	2.17%	0.179%
36	7.516	919	923	926	rBV	112821	111793	4.87%	0.401%
37	7.639	941	944	945	rBV	41595	35867	1.56%	0.129%
38	7.698	949	954	956	rVV2	91839	124756	5.44%	0.447%
39	7.722	956	958	961	rVV3	39340	48929	2.13%	0.175%
40	7.763	961	965	968	rVV3	135737	149036	6.49%	0.534%
41	7.792	968	970	975	rVV2	46908	66303	2.89%	0.238%
42	7.851	978	980	985	rVV2	40659	41044	1.79%	0.147%
43	7.904	985	989	991	rVB	40286	33762	1.47%	0.121%
44	7.992	996	1004	1005	rBV3	37331	45985	2.00%	0.165%
45	8.022	1005	1009	1012	rVV	1800394	1450831	63.22%	5.200%
46	8.045	1012	1013	1016	rVV2	103689	72354	3.15%	0.259%
47	8.075	1016	1018	1021	rVB	45874	38319	1.67%	0.137%
48	8.416	1073	1076	1078	rBV	45811	40434	1.76%	0.145%
49	8.539	1092	1097	1102	rVB4	14452	27256	1.19%	0.098%
50	8.733	1126	1130	1133	rBV	90765	70514	3.07%	0.253%
51	8.833	1144	1147	1150	rVB	35331	29295	1.28%	0.105%
52	9.098	1188	1192	1195	rBV	2606746	2133262	92.96%	7.646%
53	9.375	1236	1239	1245	rVB	50450	41540	1.81%	0.149%
54	9.486	1255	1258	1261	rBV	175840	125732	5.48%	0.451%
55	9.769	1302	1306	1310	rBV	1569945	1356693	59.12%	4.863%
56	10.551	1435	1439	1442	rBV	1627474	1356025	59.09%	4.860%
57	11.245	1553	1557	1560	rBV	1738585	1459155	63.58%	5.230%
58	11.269	1560	1561	1564	rVB	133264	72334	3.15%	0.259%
59	11.316	1564	1569	1573	rVB3	33451	41601	1.81%	0.149%
60	11.710	1632	1636	1640	rBV5	31054	44678	1.95%	0.160%
61	11.745	1640	1642	1645	rBV	34515	30496	1.33%	0.109%
62	11.786	1645	1649	1653	rBV2	193482	203130	8.85%	0.728%
63	12.045	1689	1693	1698	rBV3	19809	31268	1.36%	0.112%
64	12.298	1733	1736	1740	rBV5	29113	34454	1.50%	0.123%
65	12.380	1747	1750	1754	rVB4	21891	27871	1.21%	0.100%
66	12.451	1759	1762	1765	rBV	188533	159850	6.97%	0.573%
67	12.486	1765	1768	1777	rBV7	24225	53039	2.31%	0.190%
68	12.568	1779	1782	1785	rBV4	42152	46864	2.04%	0.168%
69	12.674	1794	1800	1803	rBV	150051	184629	8.05%	0.662%
70	12.704	1803	1805	1807	rVB	35873	29108	1.27%	0.104%
71	12.827	1822	1826	1829	rBV	2726142	2282919	99.48%	8.182%

LSC Area Percent Report

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Sample : K1627-05 2X
Misc :
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Instrument : BNA_F
ClientSampleId : SB-03-(0-2)

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.733	1977	1980	1988	rBV	176065	191288	8.34%	0.686%
73	13.868	1999	2003	2006	rBV	1638700	1567319	68.30%	5.618%
74	13.892	2006	2007	2010	rVB	58906	40271	1.75%	0.144%
75	14.727	2146	2149	2155	rVB	357831	379218	16.52%	1.359%
76	15.274	2238	2242	2249	rVB	795958	960911	41.87%	3.444%

Sum of corrected areas: 27900030

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112738.D
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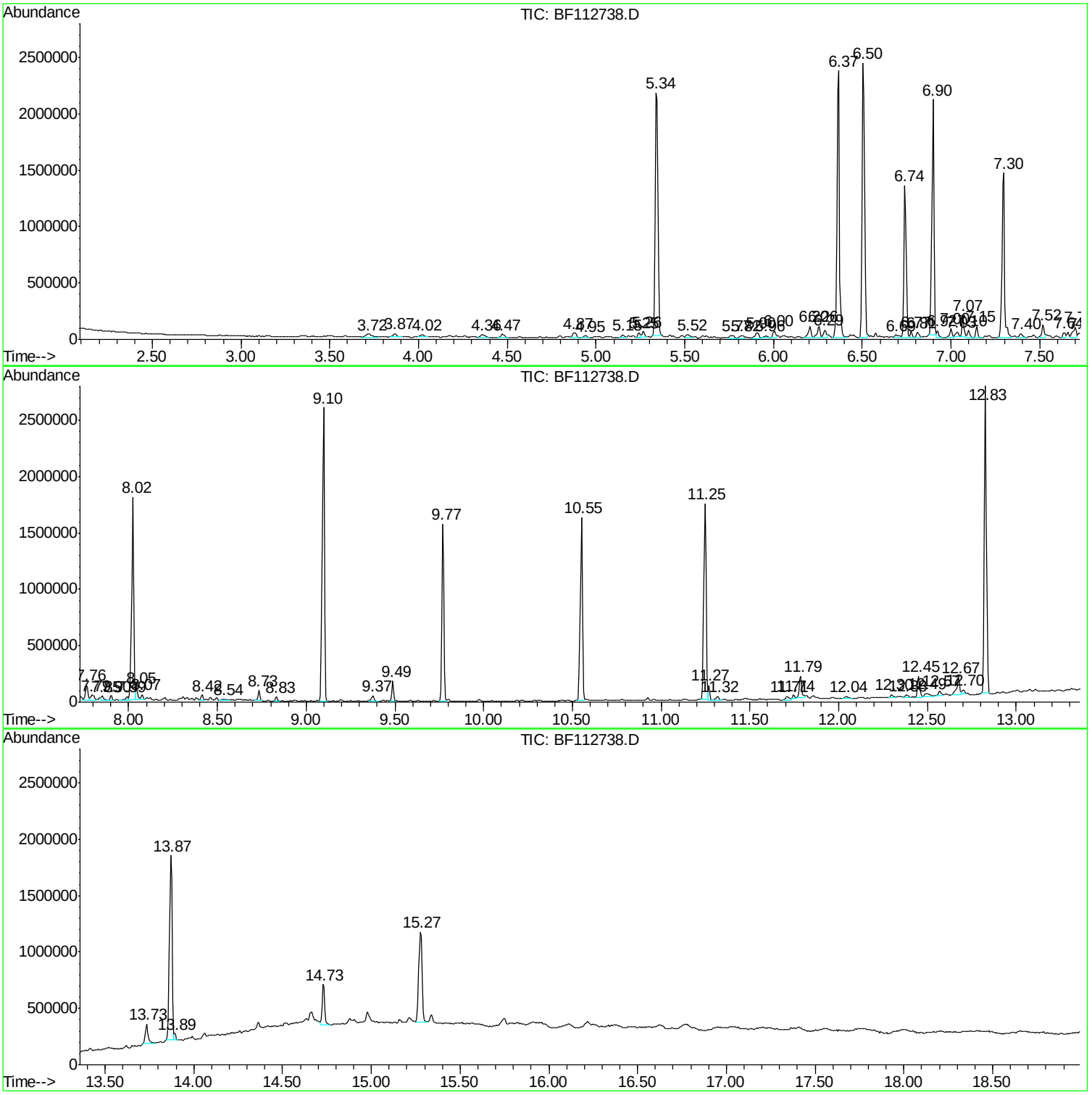
Operator : JU/SJ
Sample : K1627-05 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112738.D
Acq On : 28 Feb 2019 00:16
Operator : JU/SJ
Sample : K1627-05 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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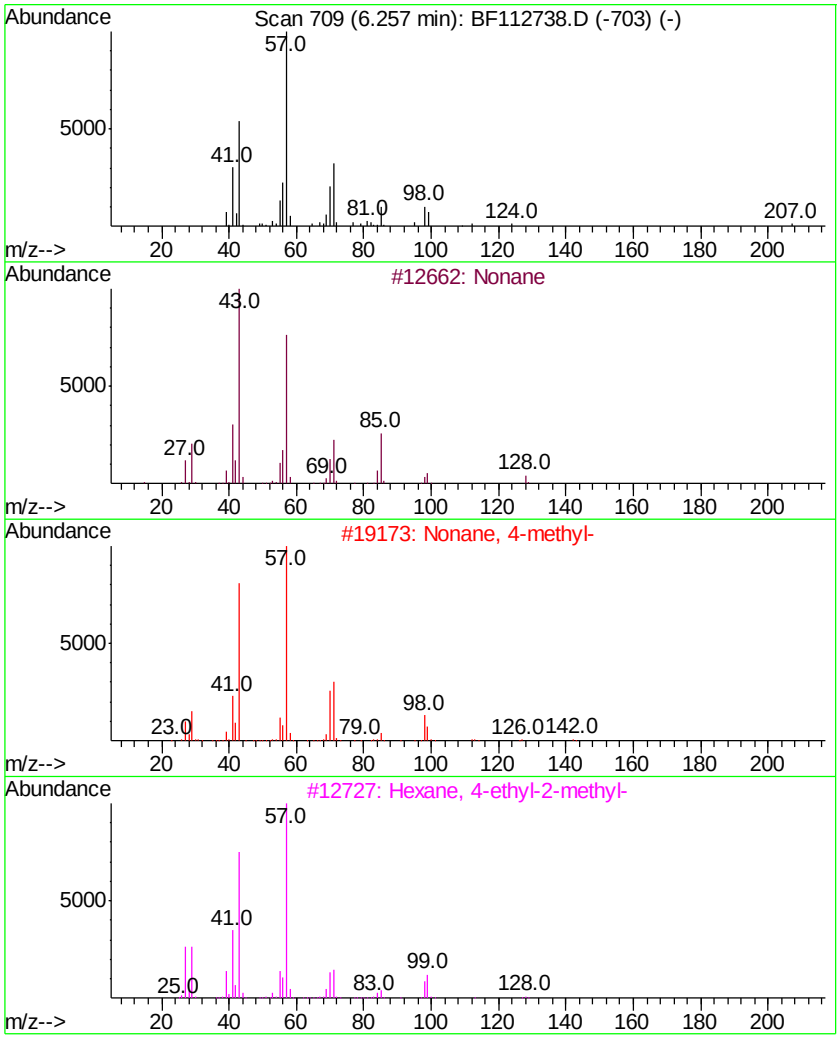
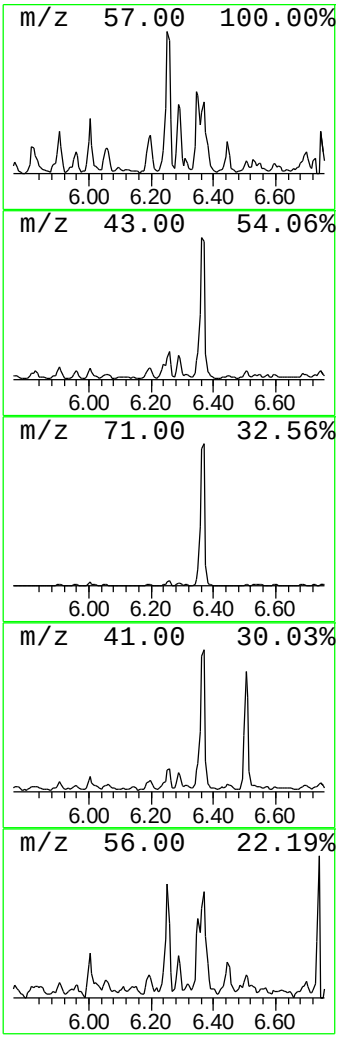
Peak Number 2 Nonane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	2.06 ng	117393	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	59
2	Nonane, 4-methyl-	142	C10H22	017301-94-9	53
3	Hexane, 4-ethyl-2-methyl-	128	C9H20	003074-75-7	53
4	Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	53
5	Tridecane, 3-methyl-	198	C14H30	006418-41-3	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112738.D
Acq On : 28 Feb 2019 00:16
Operator : JU/SJ
Sample : K1627-05 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

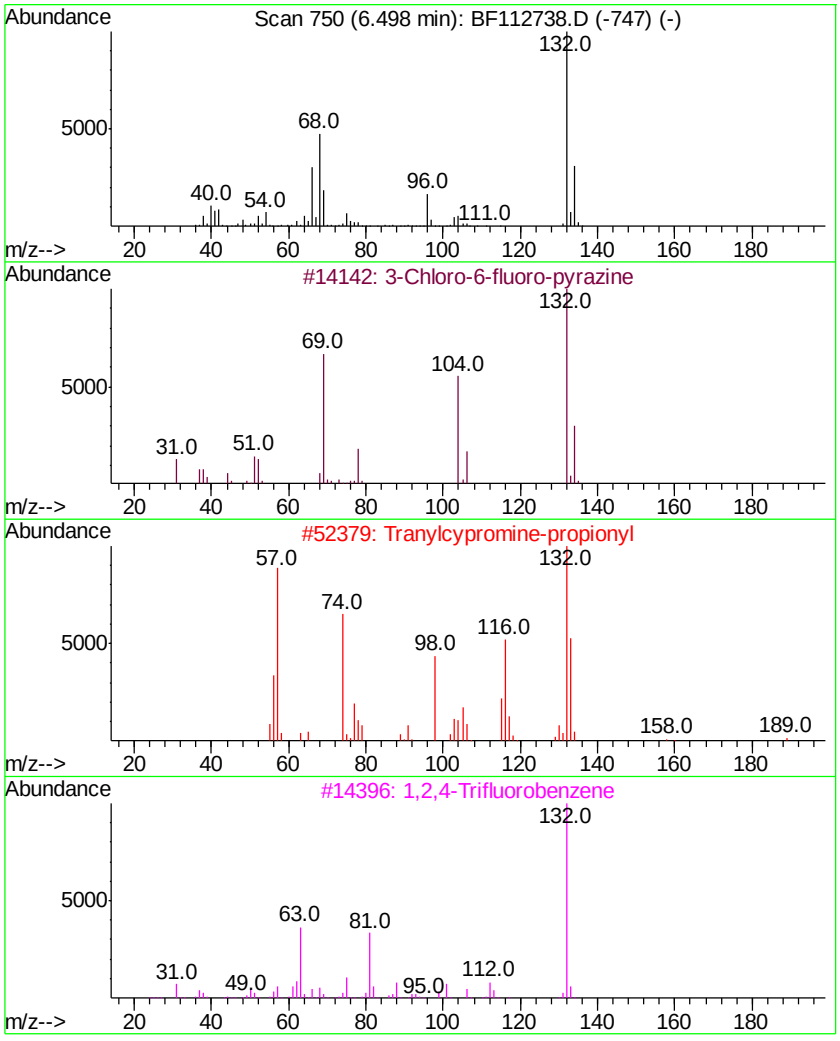
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

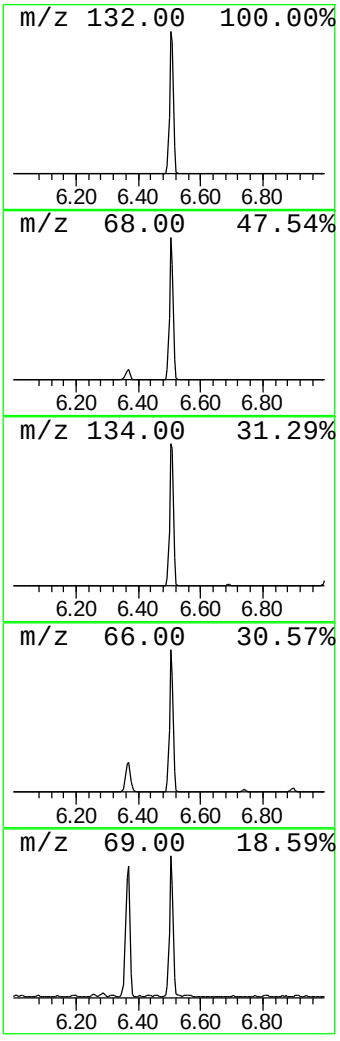
****

Peak Number 3 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	38.99 ng	2220940	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112738.D
Acq On : 28 Feb 2019 00:16
Operator : JU/SJ
Sample : K1627-05 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

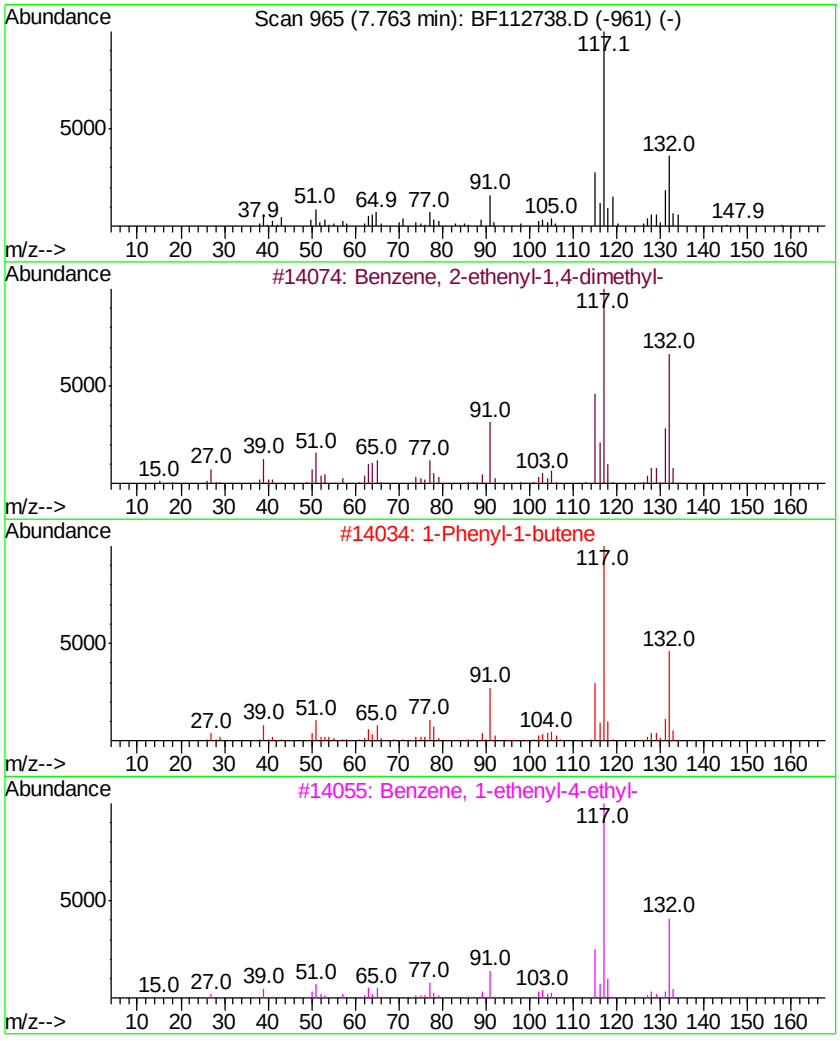
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

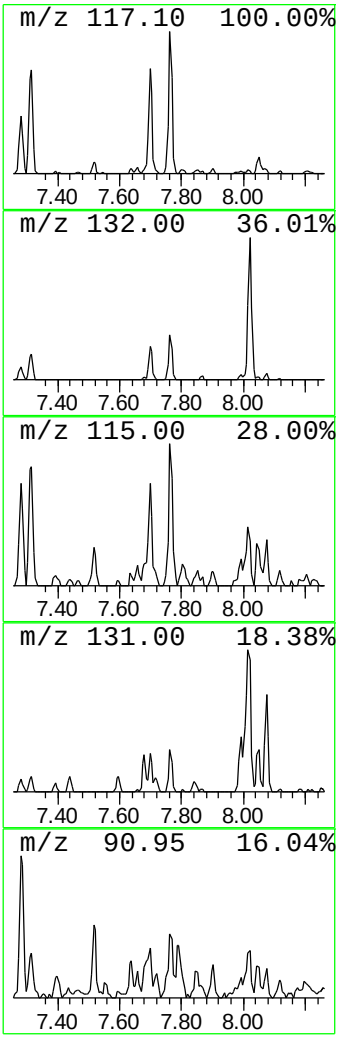
****

Peak Number 6 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	2.05 ng	149036	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	93
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	91
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : SB-03-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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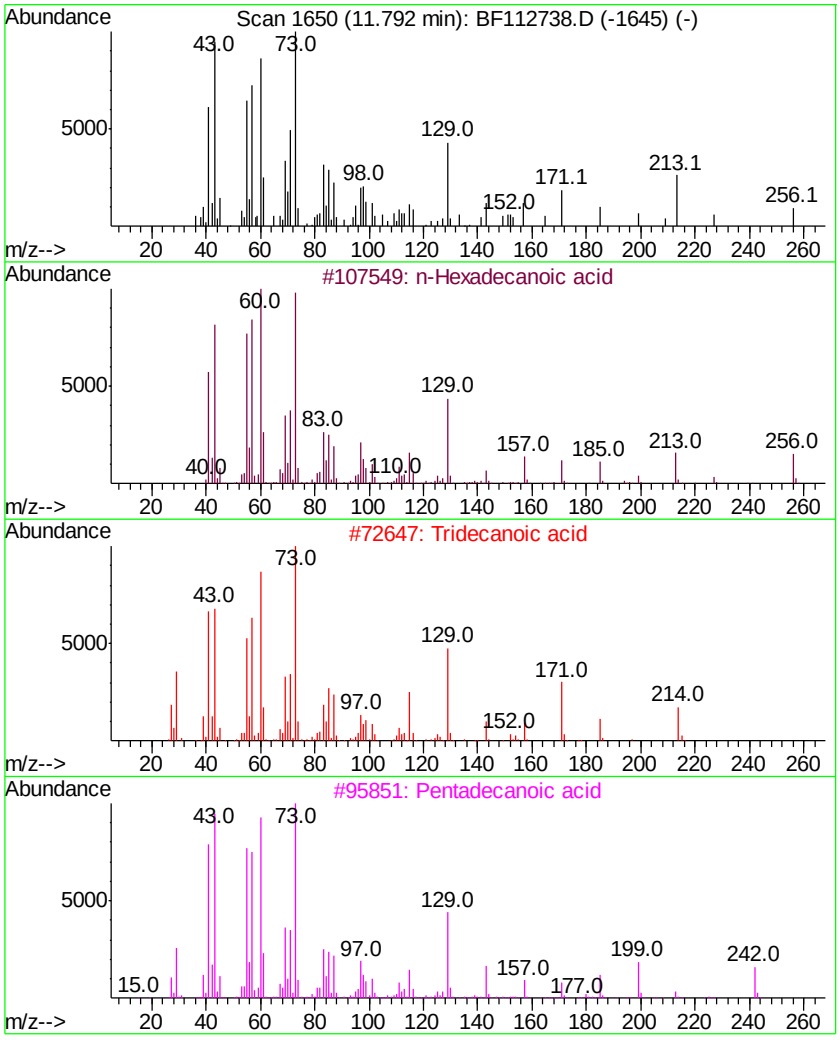
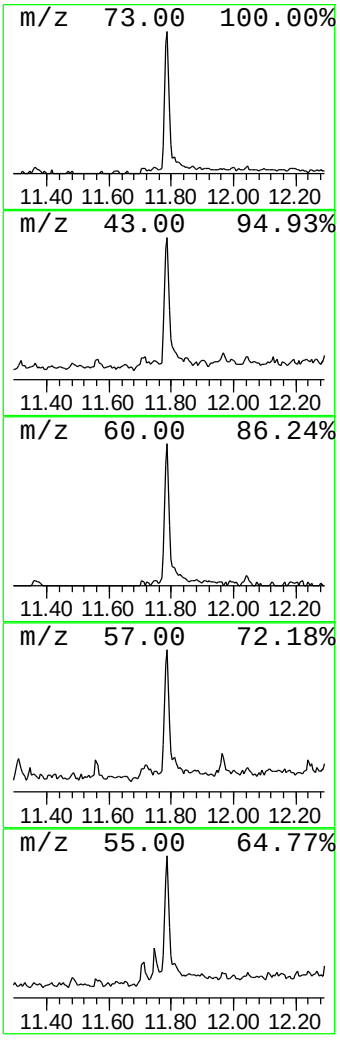
Peak Number 7 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	2.78 ng	203130	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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Misc :
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Instrument : BNA_F
ClientSampleId : SB-03-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

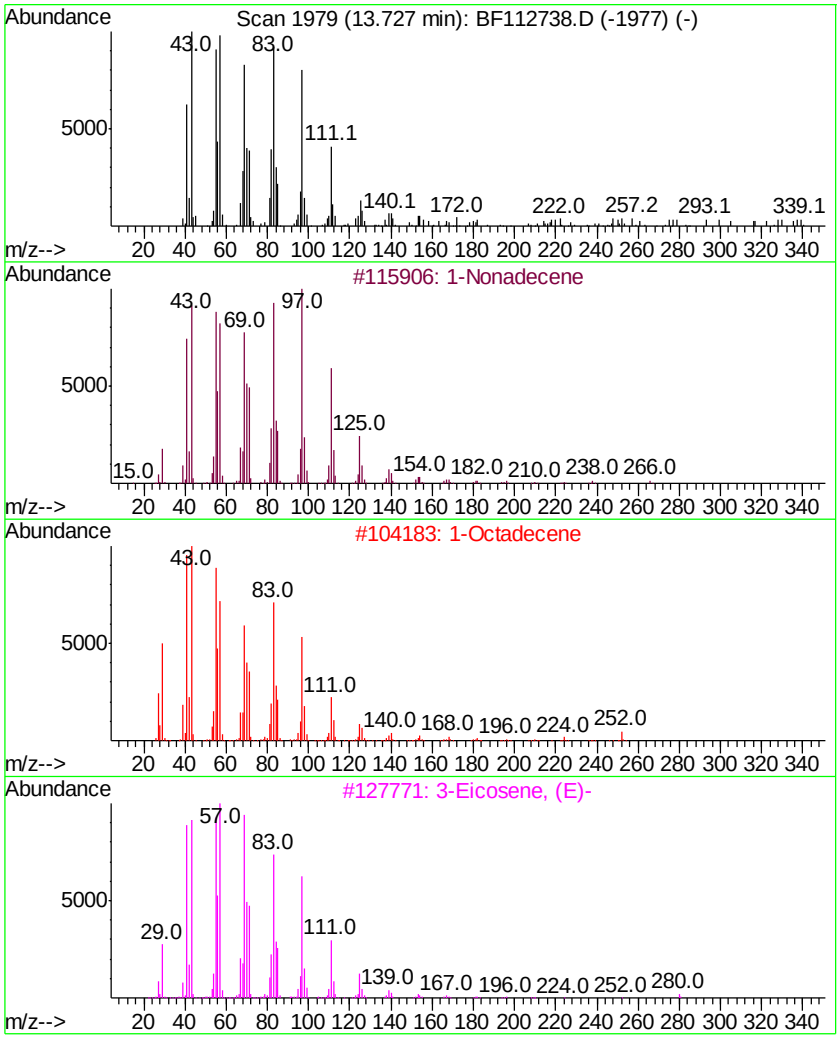
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

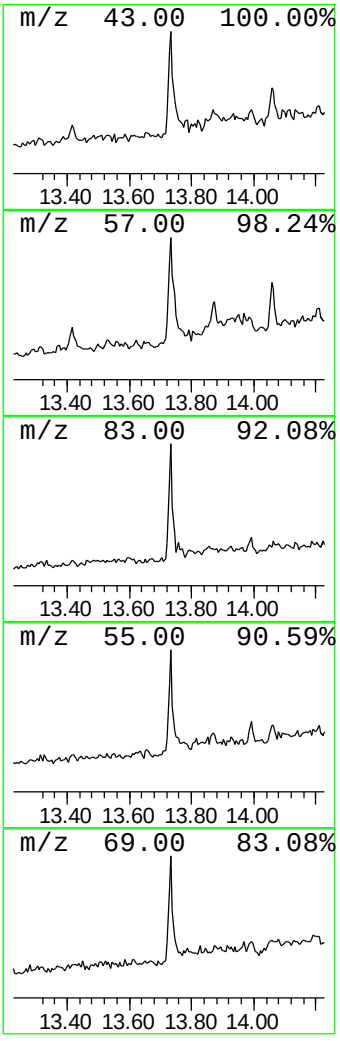
****

Peak Number 9 1-Nonadecene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	2.44 ng	191288	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	99
2	1-Octadecene	252	C18H36	000112-88-9	98
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
4	Cyclopentadecane	210	C15H30	000295-48-7	95
5	1-Heneicosanol	312	C21H44O	015594-90-8	95





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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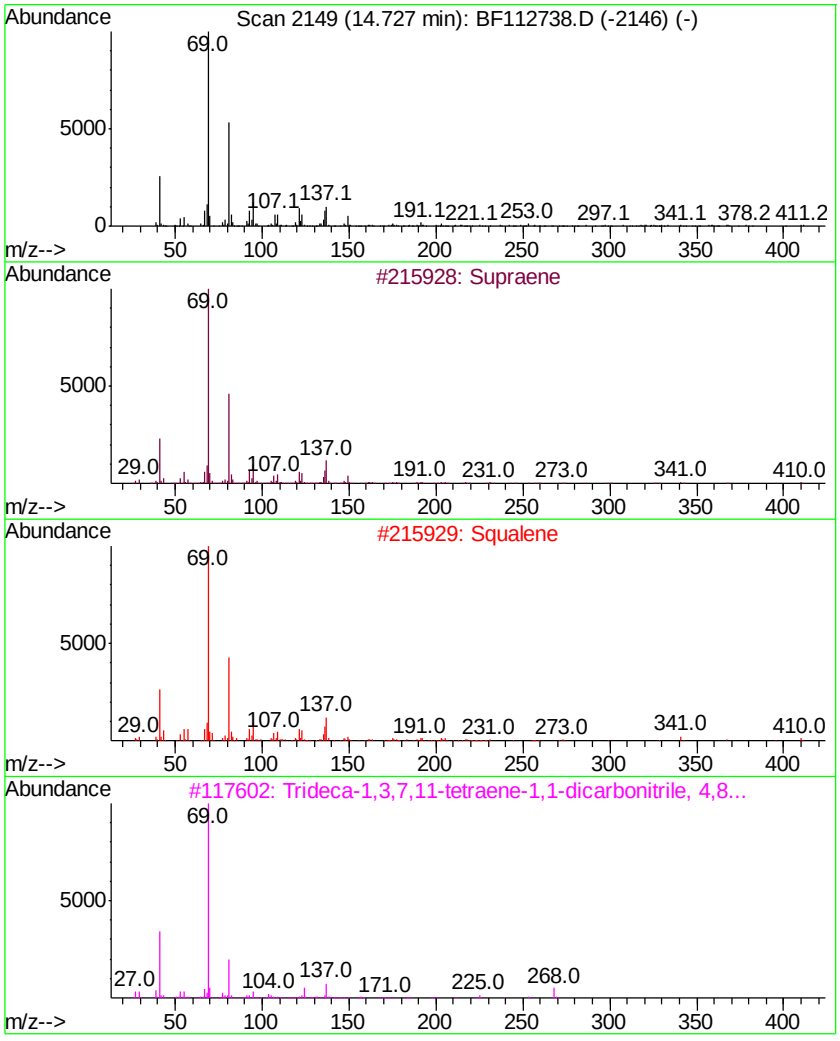
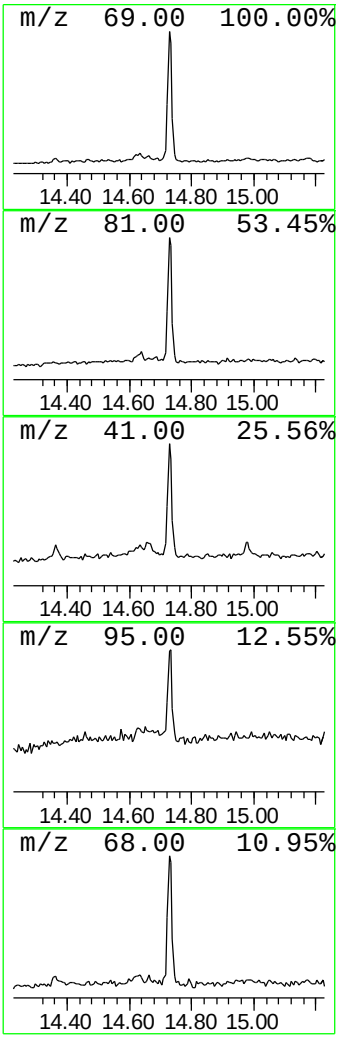
Peak Number 10 Supraene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	7.89 ng	379218	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	98
2	Squalene	410	C30H50	000111-02-4	80
3	Trideca-1,3,7,11-tetraene-1,1-di...	268	C18H24N2	1000159-88-9	64
4	trans-Farnesol	222	C15H26O	000106-28-5	64
5	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022719\
Data File : BF112738.D
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Operator : JU/SJ
Sample : K1627-05 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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
Nonane	6.26	2.1	ng	117393	1	6.74	1139260	20.0
unknown6.50	6.50	39.0	ng	2220940	1	6.74	1139260	20.0
Benzene, 2-etheny...	7.76	2.0	ng	149036	2	8.02	1450830	20.0
n-Hexadecanoic acid	11.79	2.8	ng	203130	4	11.24	1459160	20.0
1-Nonadecene	13.73	2.4	ng	191288	5	13.87	1567320	20.0
Supraene	14.73	7.9	ng	379218	6	15.27	960911	20.0