LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101618\
Data File : BF109908.D
Acq On : 16 Oct 2018 16:33
Operator : JU/SJ
Sample : J5526-24
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-4A-C-101518-2

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-BF101518.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	2.116	3	5	11	rVB	365547	472478	10.36%	0.901%
2	2.322	34	40	47	rVB	589824	772858	16.95%	1.474%
3	5.216	527	532	541	rVB	197587	221697	4.86%	0.423%
4	5.598	592	597	600	rBV	4442661	4352467	95.44%	8.300%
5	6.598	761	767	771	rBV	4555260	4560606	100.00%	8.697%
6	6.745	788	792	796	rBV	4522053	4478449	98.20%	8.540%
7	6.981	828	832	835	rBV	2023078	1564492	34.30%	2.983%
8	7.139	855	859	862	rVB	3883180	3495679	76.65%	6.666%
9	7.539	922	927	930	rBV	3150622	2768591	60.71%	5.280%
10	8.263	1046	1050	1053	rBV	2367364	1936103	42.45%	3.692%
11	9.333	1228	1232	1236	rBV	4529391	4094628	89.78%	7.808%
12	9.727	1295	1299	1302	rBV	538705	421282	9.24%	0.803%
13	9.880	1322	1325	1329	rVB	96079	76305	1.67%	0.146%
14	10.022	1345	1349	1353	rBV	2104180	1754874	38.48%	3.346%
15	10.810	1479	1483	1486	rBV	2078960	1778055	38.99%	3.391%
16	11.510	1598	1602	1605	rBV	1571858	1444155	31.67%	2.754%
17	11.533	1605	1606	1611	rVV	412274	292716	6.42%	0.558%
18	11.586	1611	1615	1618	rVV	129214	109455	2.40%	0.209%
19	11.716	1634	1637	1639	rBV2	47627	45821	1.00%	0.087%
20	11.739	1639	1641	1646	rVB	54912	47079	1.03%	0.090%
21	12.015	1684	1688	1690	rBV2	119685	115307	2.53%	0.220%
22	12.039	1690	1692	1695	rVB	93586	77638	1.70%	0.148%
23	12.127	1703	1707	1709	rBV2	120351	132313	2.90%	0.252%
24	12.310	1734	1738	1739	rBV	55704	48627	1.07%	0.093%
25	12.333	1739	1742	1747	rVB	82592	76505	1.68%	0.146%
26	12.539	1774	1777	1779	rBV	135360	111671	2.45%	0.213%
27	12.563	1779	1781	1784	rVB	66548	62919	1.38%	0.120%
28	12.651	1793	1796	1801	rBV2	60391	73002	1.60%	0.139%
29	12.727	1805	1809	1813	rBV	1302769	1039144	22.79%	1.982%
30	12.957	1841	1848	1854	rBV	1009491	1177742	25.82%	2.246%
31	13.004	1854	1856	1861	rVB2	54034	59518	1.31%	0.113%
32	13.098	1868	1872	1875	rBV	3212329	2759770	60.51%	5.263%
33	13.180	1881	1886	1889	rBV2	84298	151017	3.31%	0.288%
34	13.262	1896	1900	1901	rBV4	71213	84430	1.85%	0.161%

LSC Area Percent Report

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Sample : J5526-24
Misc :
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Instrument : BNA_F
ClientSampleId : SUP-4A-C-101518-2

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-BF101518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.286	1901	1904	1907	rVB	185606	174832	3.83%	0.333%
36	13.351	1912	1915	1918	rBV	138706	109365	2.40%	0.209%
37	13.386	1918	1921	1924	rVV2	111595	124993	2.74%	0.238%
38	13.486	1935	1938	1940	rBV	74502	70790	1.55%	0.135%
39	13.515	1940	1943	1946	rBV2	66499	69286	1.52%	0.132%
40	13.792	1987	1990	1995	rVB	138508	134939	2.96%	0.257%
41	13.904	2005	2009	2012	rBV2	109601	149093	3.27%	0.284%
42	13.933	2012	2014	2016	rBV	112881	81294	1.78%	0.155%
43	13.974	2016	2021	2024	rBV4	320030	446529	9.79%	0.852%
44	14.121	2044	2046	2047	rBV	64763	48702	1.07%	0.093%
45	14.157	2047	2052	2055	rVV2	2069428	2531367	55.51%	4.827%
46	14.180	2055	2056	2062	rVB	624958	545385	11.96%	1.040%
47	14.262	2068	2070	2074	rVV	108694	92602	2.03%	0.177%
48	14.304	2074	2077	2081	rVB2	109139	107216	2.35%	0.204%
49	14.374	2086	2089	2093	rBV2	76454	107310	2.35%	0.205%
50	14.539	2113	2117	2120	rBV	130858	150723	3.30%	0.287%
51	14.574	2121	2123	2126	rVB2	88508	84223	1.85%	0.161%
52	14.609	2126	2129	2132	rBV2	159813	158493	3.48%	0.302%
53	14.668	2137	2139	2141	rVV	97579	87947	1.93%	0.168%
54	14.692	2141	2143	2147	rVB2	92653	85289	1.87%	0.163%
55	14.927	2180	2183	2190	rBV2	133818	167401	3.67%	0.319%
56	15.009	2195	2197	2200	rVB	74475	63405	1.39%	0.121%
57	15.227	2230	2234	2238	rBV	676754	1138443	24.96%	2.171%
58	15.286	2242	2244	2247	rVV	206777	215614	4.73%	0.411%
59	15.345	2250	2254	2257	rVB	136037	152555	3.35%	0.291%
60	15.551	2285	2289	2295	rVB	431487	537293	11.78%	1.025%
61	15.615	2296	2300	2306	rVB	527867	657553	14.42%	1.254%
62	15.686	2307	2312	2316	rBV	1486021	2046385	44.87%	3.902%
63	16.156	2388	2392	2397	rVB	217302	317083	6.95%	0.605%
64	16.698	2480	2484	2492	rVB2	136980	255778	5.61%	0.488%
65	17.245	2572	2577	2585	rVB2	193752	396249	8.69%	0.756%
66	17.339	2589	2593	2599	rVB3	103016	200312	4.39%	0.382%
67	17.715	2653	2657	2667	rVB	137045	274345	6.02%	0.523%

Sum of corrected areas: 52440187

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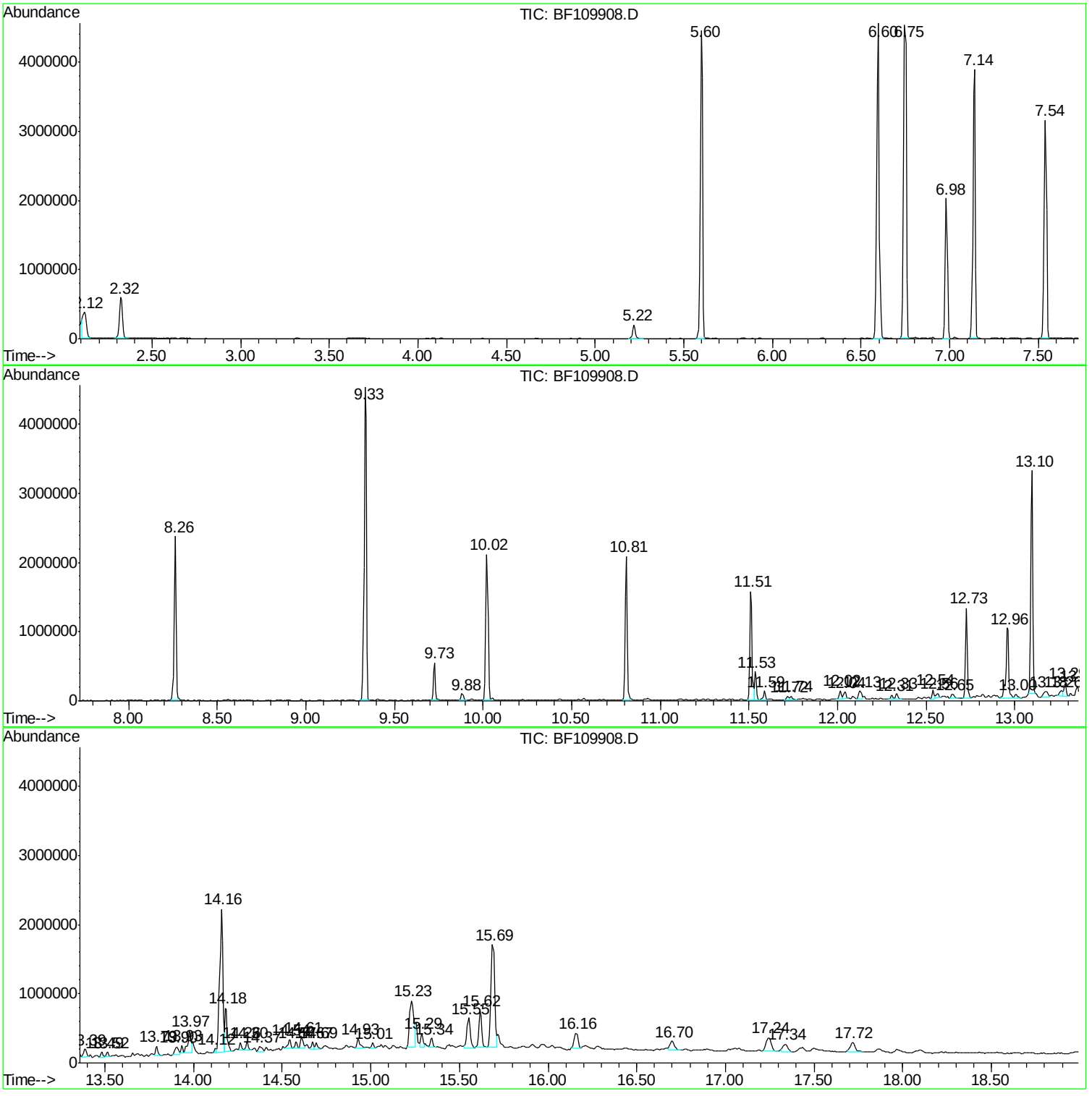
Instrument :
BNA_F
ClientSampleId :
SUP-4A-C-101518-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.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

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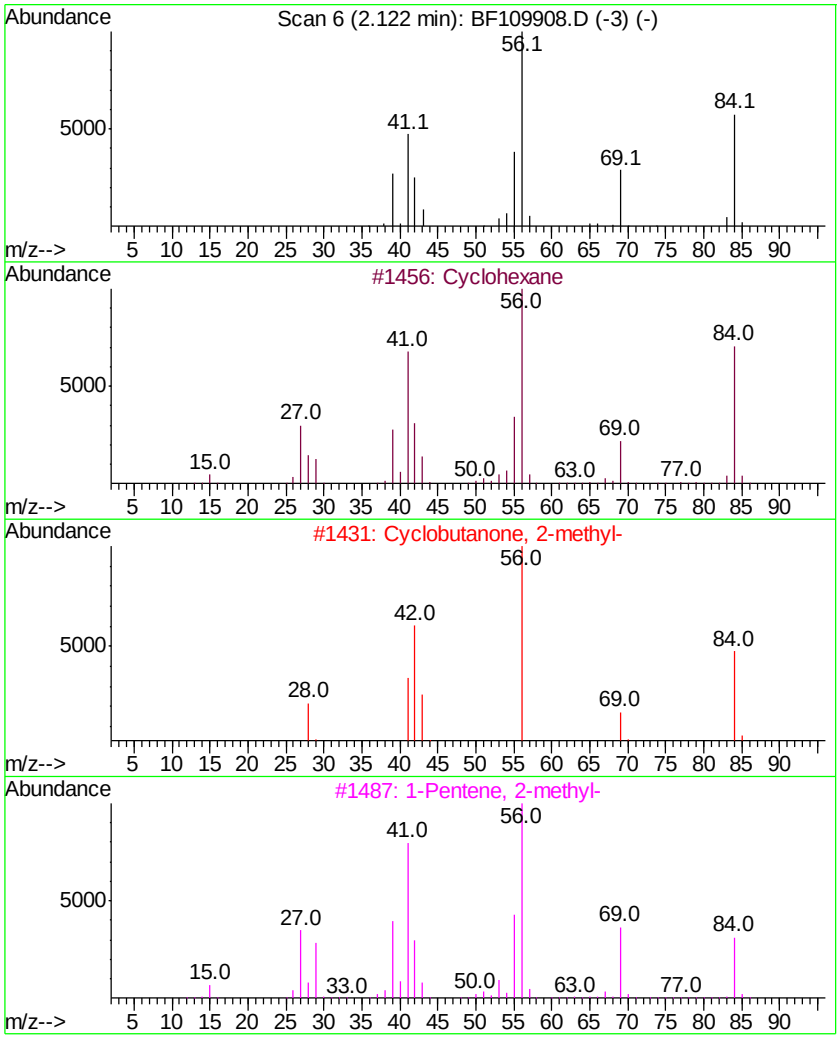
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

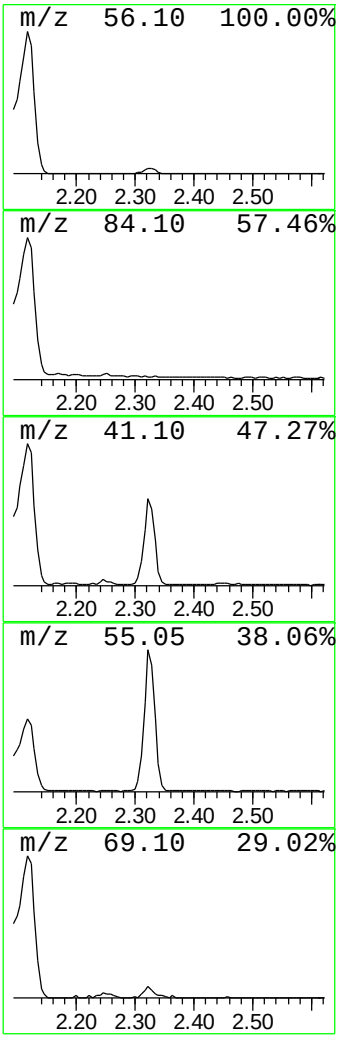
****

Peak Number 1 Cyclohexane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	6.04 ng	472478	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	Cyclobutanone, 2-methyl-	84	C5H8O	001517-15-3	64
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	56
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	45
5	2,2-Dimethylglutaric anhydride	142	C7H10O3	002938-48-9	38





Library Search Compound Report

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Data File : BF109908.D
Acq On : 16 Oct 2018 16:33
Operator : JU/SJ
Sample : J5526-24
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-4A-C-101518-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

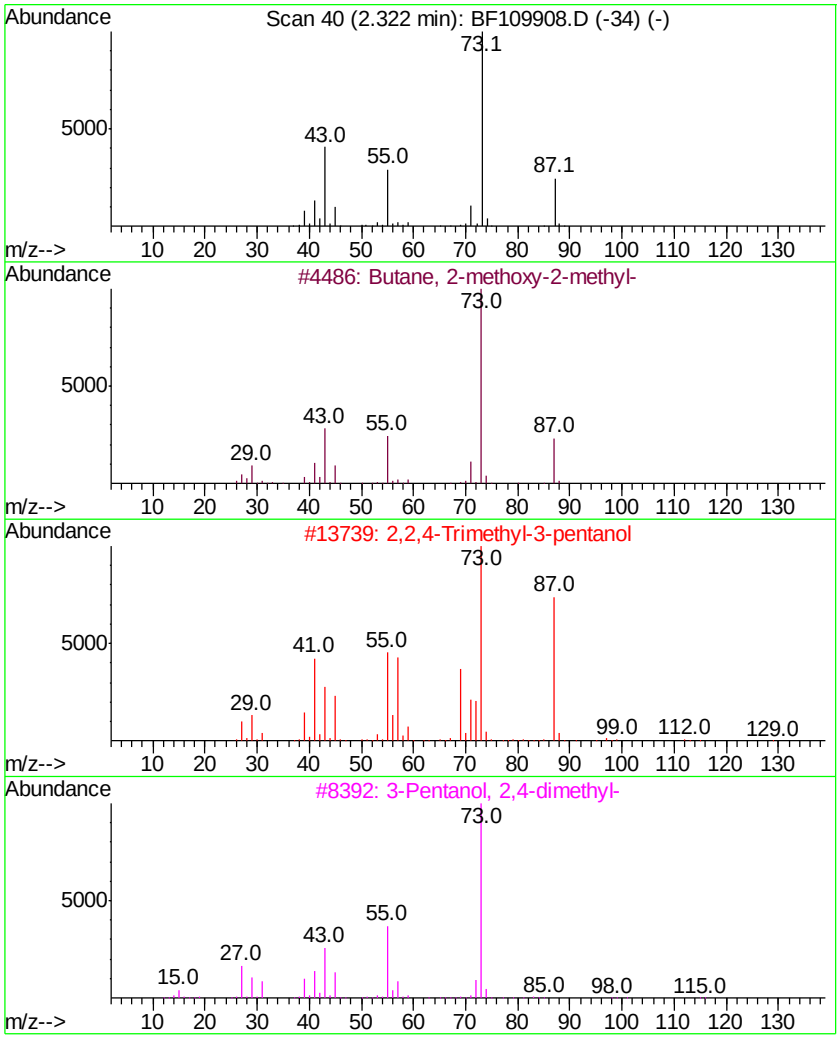
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

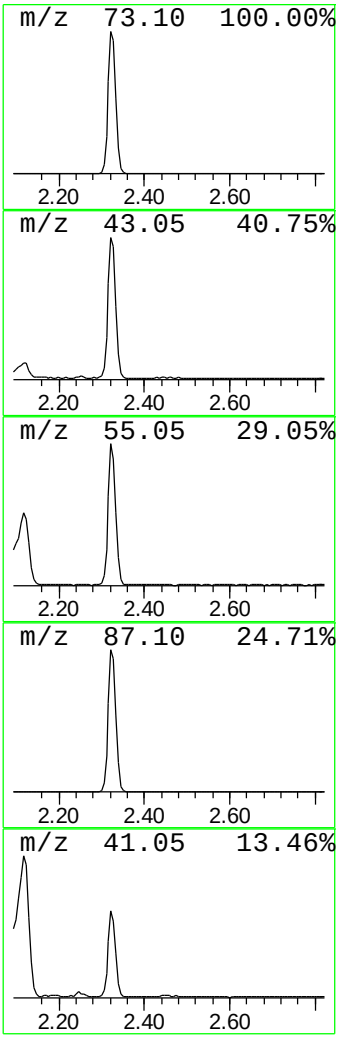
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.32	9.88 ng	772858	1,4-Dichlorobenzene-d4	6.98

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	39
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	28





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : SUP-4A-C-101518-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
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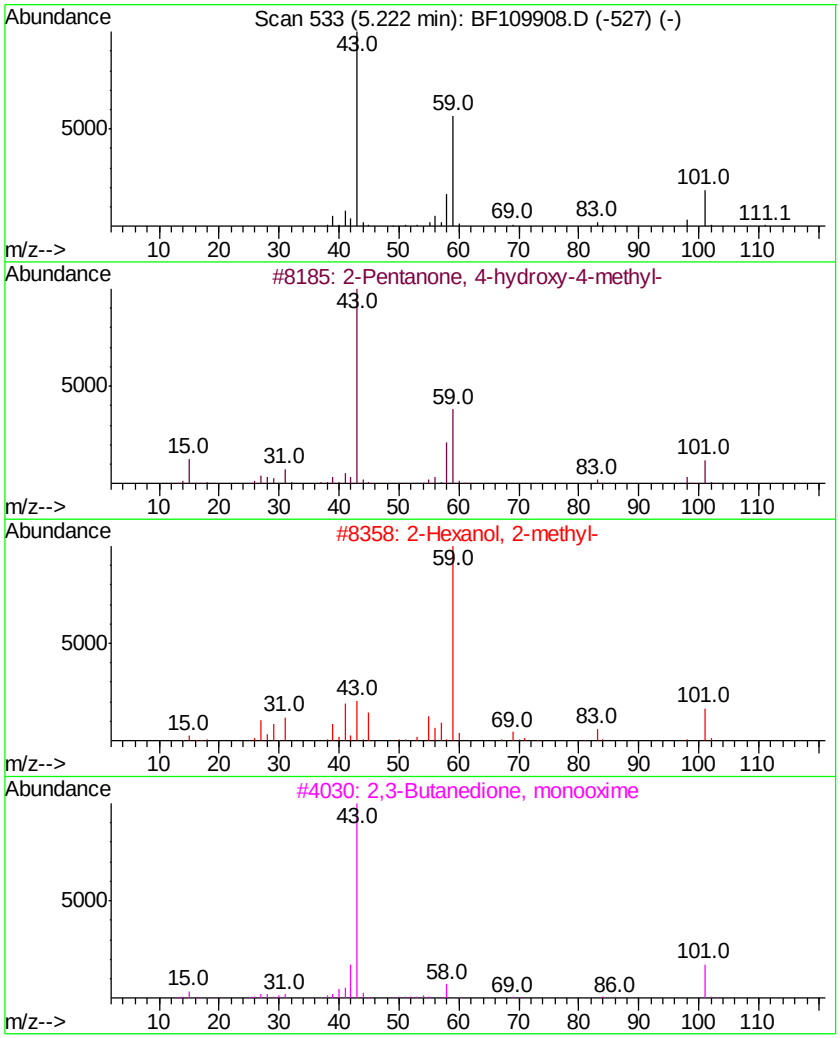
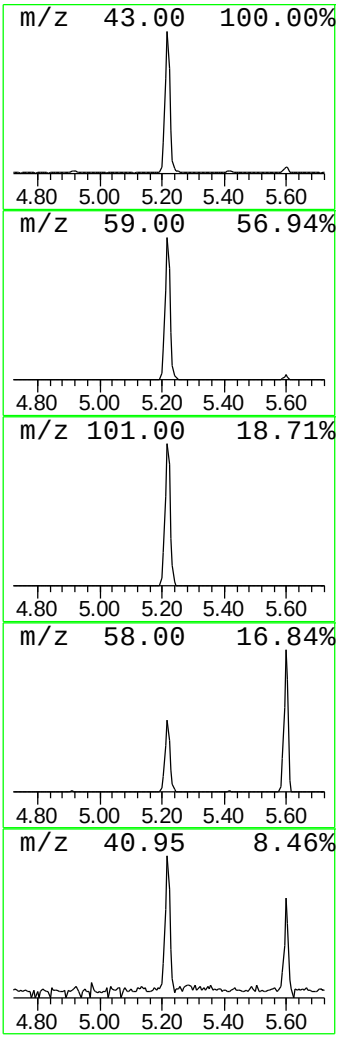
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	2.83 ng	221697	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	23





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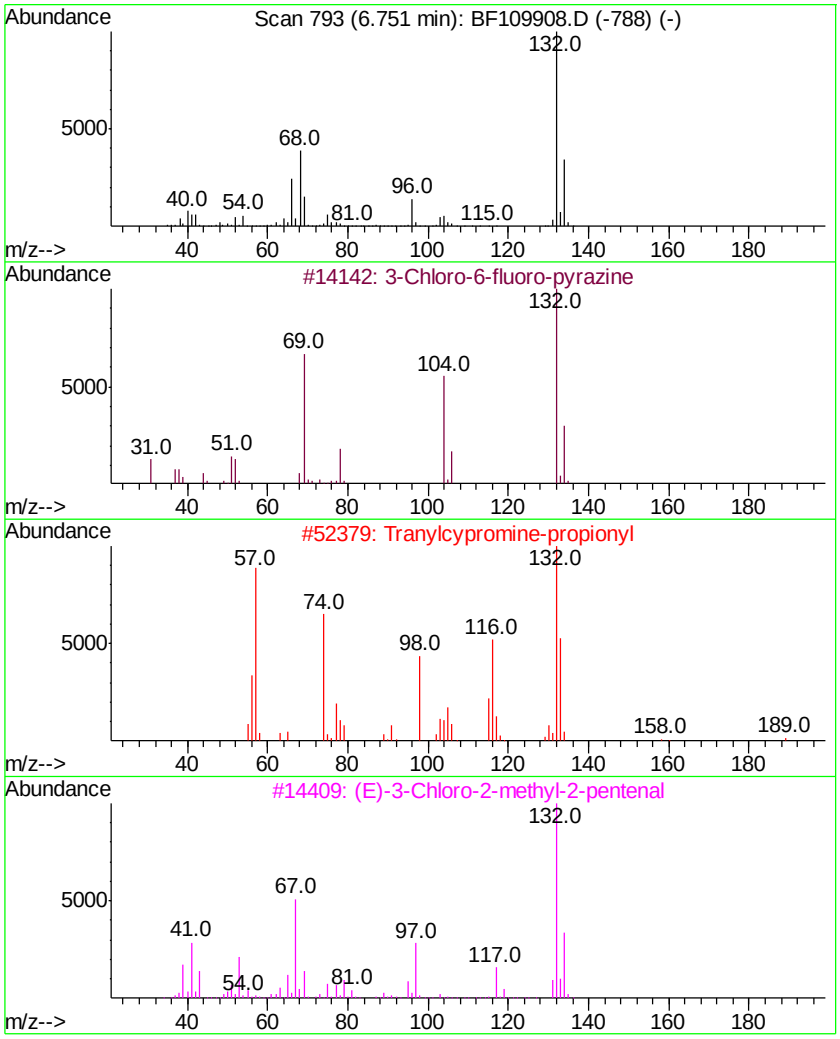
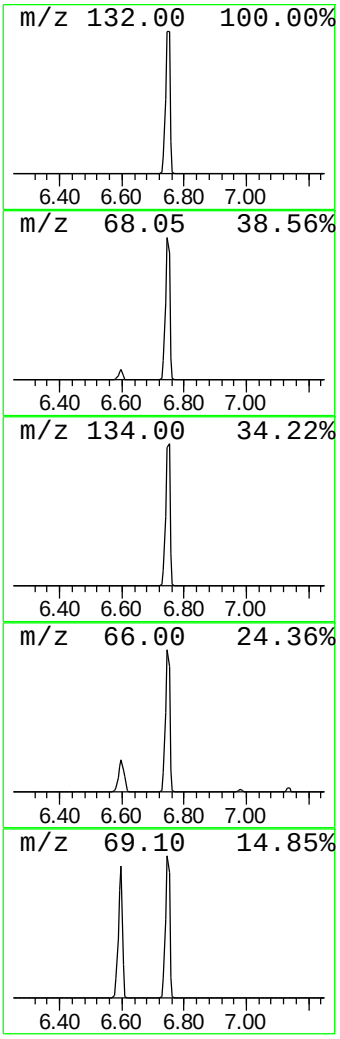
****

Peak Number 4 unknown6.75 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	57.25 ng	4478450	1,4-Dichlorobenzene-d4	6.98

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	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Library Search Compound Report

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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-4A-C-101518-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

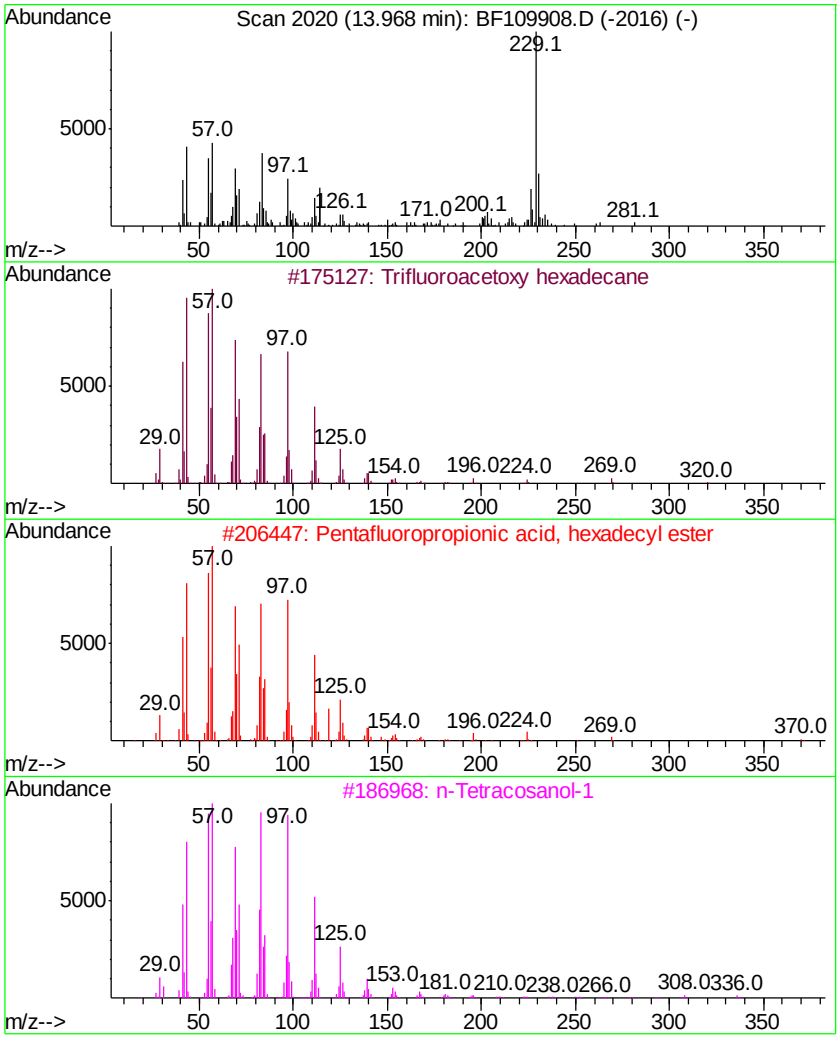
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

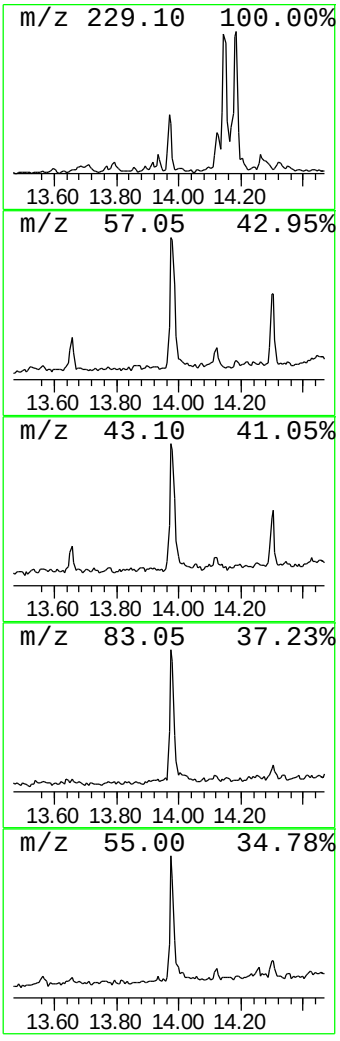
****

Peak Number 6 Trifluoroacetoxy hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	3.53 ng	446529	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	89
2	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	76
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	76
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	76
5	1-Docosene	308	C22H44	001599-67-3	76





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Instrument : BNA_F
ClientSampleId : SUP-4A-C-101518-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.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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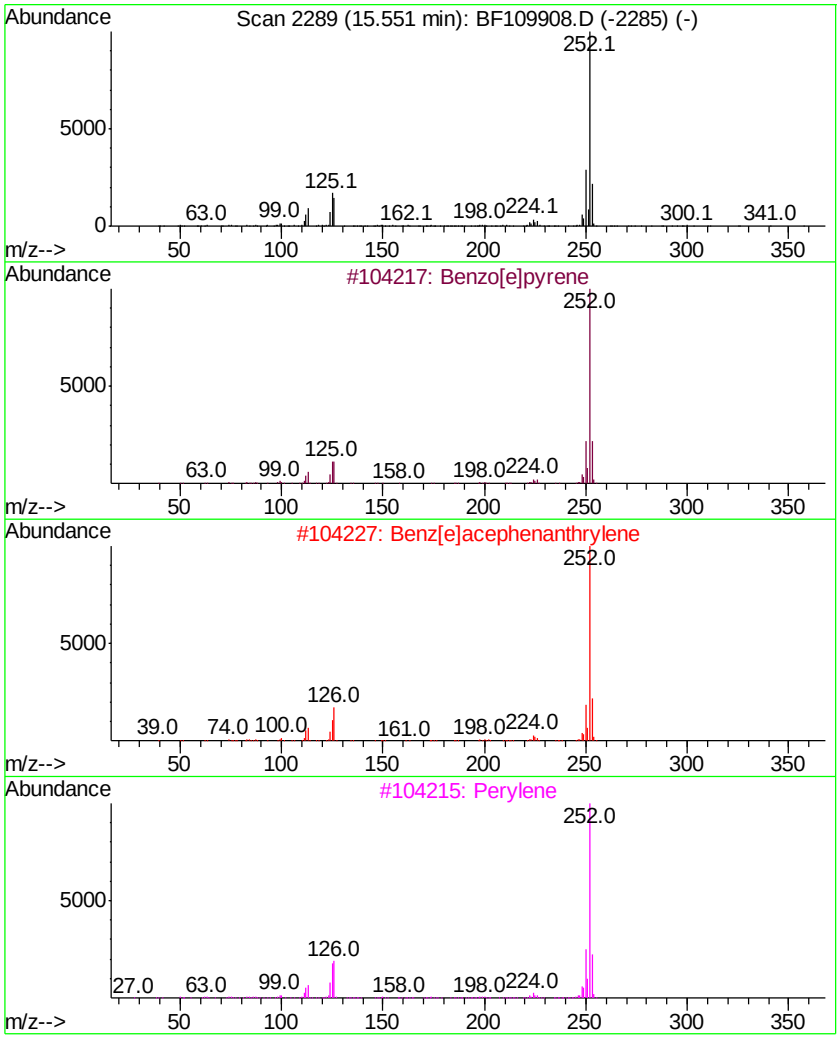
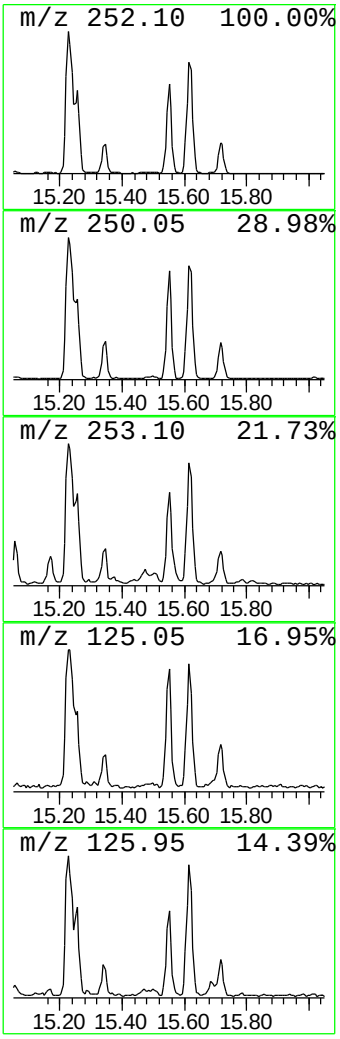
Peak Number 7 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	5.25 ng	537293	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





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Misc :
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Instrument : BNA_F
ClientSampleId : SUP-4A-C-101518-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.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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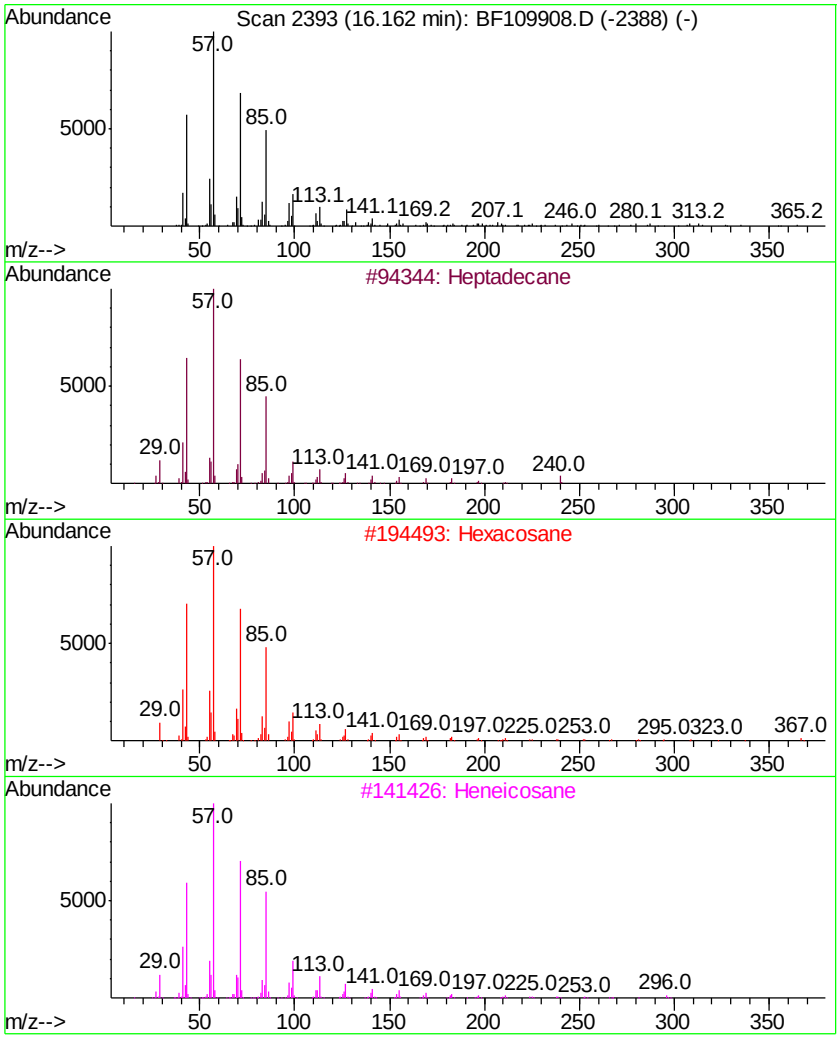
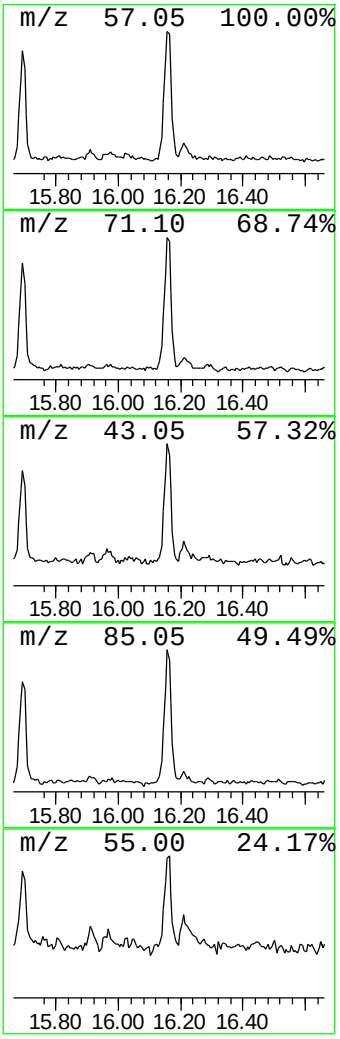
Peak Number 8 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	3.10 ng	317083	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Hexacosane	366	C26H54	000630-01-3	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5	Nonadecane	268	C19H40	000629-92-5	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101618\
Data File : BF109908.D
Acq On : 16 Oct 2018 16:33
Operator : JU/SJ
Sample : J5526-24
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-4A-C-101518-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

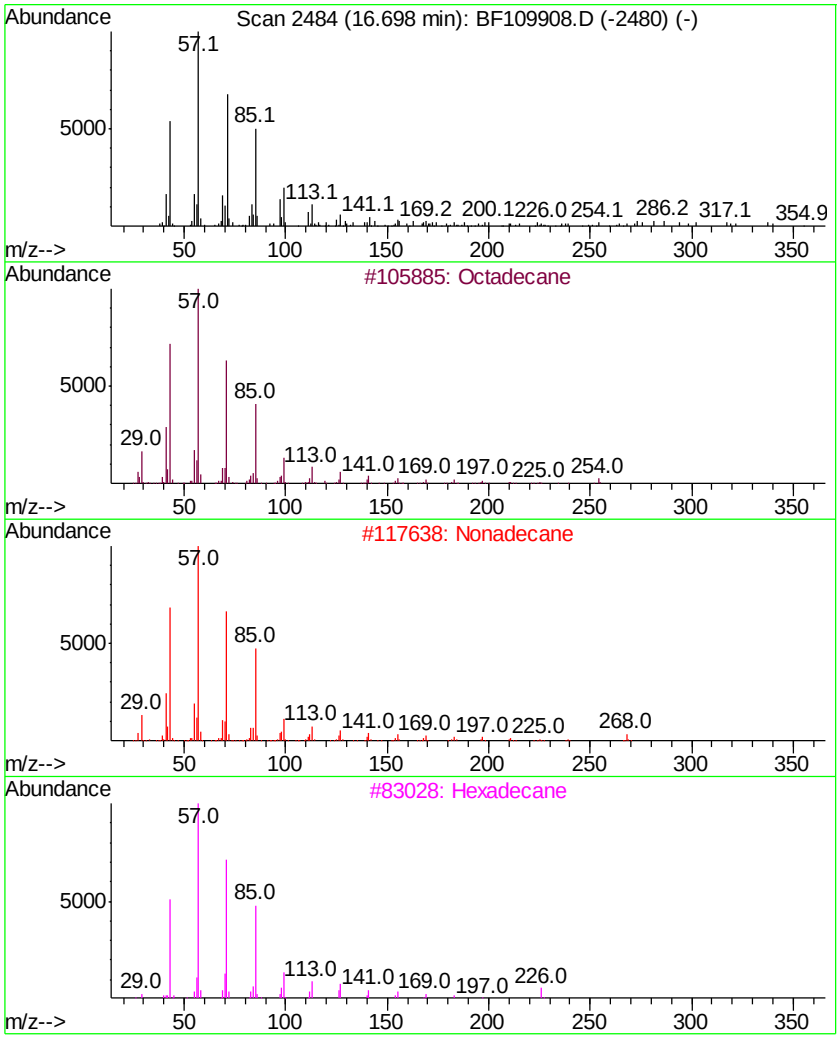
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

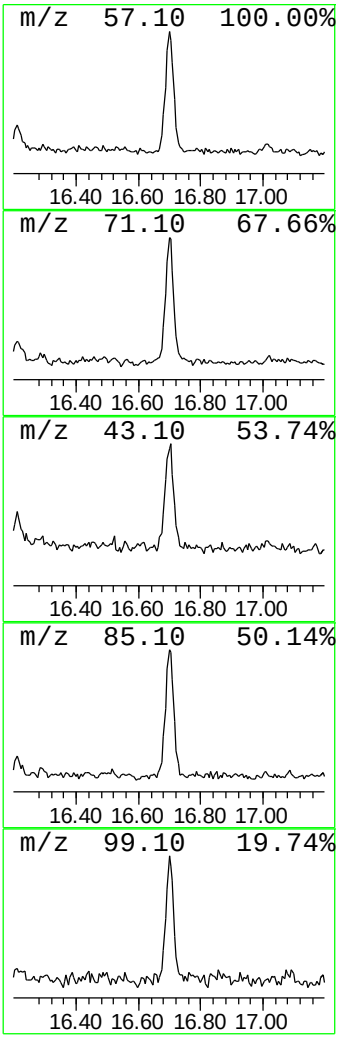
****

Peak Number 9 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	2.50 ng	255778	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Nonadecane	268	C19H40	000629-92-5	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
5	Heneicosane	296	C21H44	000629-94-7	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101618\
Data File : BF109908.D
Acq On : 16 Oct 2018 16:33
Operator : JU/SJ
Sample : J5526-24
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-4A-C-101518-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.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
Cyclohexane	2.12	6.0	ng	472478	1	6.98	1564490	20.0
Butane, 2-methoxy...	2.32	9.9	ng	772858	1	6.98	1564490	20.0
2-Pentanone, 4-hy...	5.22	2.8	ng	221697	1	6.98	1564490	20.0
unknown6.75	6.75	57.3	ng	4478450	1	6.98	1564490	20.0
Trifluoroacetoxy ...	13.97	3.5	ng	446529	5	14.16	2531370	20.0
Benzo[e]pyrene	15.55	5.3	ng	537293	6	15.69	2046390	20.0
Heptadecane	16.16	3.1	ng	317083	6	15.69	2046390	20.0
Octadecane	16.70	2.5	ng	255778	6	15.69	2046390	20.0