LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110333.D
Acq On : 31 Oct 2018 15:26
Operator : JU/SJ
Sample : J5202-11 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-103018-C

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-BF102318.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	2.258	25	29	48	rVB	101469	188335	26.89%	1.999%
2	5.193	525	528	536	rBV	21810	26358	3.76%	0.280%
3	5.593	592	596	609	rBV	632625	653949	93.36%	6.942%
4	6.593	762	766	781	rBV	687011	700484	100.00%	7.436%
5	6.740	787	791	799	rBV	843061	691458	98.71%	7.340%
6	6.975	827	831	838	rBV	569167	489786	69.92%	5.199%
7	7.128	853	857	865	rBV	610794	515874	73.65%	5.476%
8	7.534	922	926	936	rBV	380788	387420	55.31%	4.112%
9	8.257	1045	1049	1054	rBV	572600	528316	75.42%	5.608%
10	9.328	1228	1231	1240	rBV	631683	611131	87.24%	6.487%
11	9.398	1240	1243	1247	rVB2	9345	11319	1.62%	0.120%
12	9.722	1292	1298	1305	rVB	62767	63849	9.11%	0.678%
13	9.928	1329	1333	1338	rBV3	9812	10994	1.57%	0.117%
14	10.016	1345	1348	1357	rBV	539451	528550	75.45%	5.611%
15	10.428	1414	1418	1420	rBV3	14761	14208	2.03%	0.151%
16	10.645	1451	1455	1459	rBV4	7532	11481	1.64%	0.122%
17	10.810	1479	1483	1491	rBV	317492	325066	46.41%	3.451%
18	10.910	1496	1500	1504	rBV3	14139	22119	3.16%	0.235%
19	11.351	1573	1575	1578	rBV	13842	11802	1.68%	0.125%
20	11.516	1599	1603	1605	rBV	489980	498067	71.10%	5.287%
21	11.539	1605	1607	1612	rVV	136487	123207	17.59%	1.308%
22	11.592	1612	1616	1620	rVB	33130	32821	4.69%	0.348%
23	11.745	1638	1642	1645	rBV3	6240	11027	1.57%	0.117%
24	11.780	1645	1648	1650	rVB2	14609	12692	1.81%	0.135%
25	11.845	1656	1659	1662	rVB5	8774	11649	1.66%	0.124%
26	12.016	1685	1688	1690	rBV	33476	31473	4.49%	0.334%
27	12.045	1690	1693	1698	rVB2	28928	32860	4.69%	0.349%
28	12.127	1704	1707	1710	rBV2	29282	37640	5.37%	0.400%
29	12.186	1715	1717	1721	rBV	15516	12937	1.85%	0.137%
30	12.310	1735	1738	1740	rBV2	13597	12969	1.85%	0.138%
31	12.345	1741	1744	1748	rVB5	19429	20868	2.98%	0.222%
32	12.492	1766	1769	1772	rBV4	11699	15575	2.22%	0.165%
33	12.569	1779	1782	1785	rBV2	28407	39137	5.59%	0.415%
34	12.657	1794	1797	1799	rBV2	21908	25925	3.70%	0.275%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J5202-11 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-103018-C

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-BF102318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.680	1799	1801	1806	rVB6	14276	15495	2.21%	0.164%
36	12.733	1806	1810	1814	rBV	208825	205914	29.40%	2.186%
37	12.963	1843	1849	1854	rBV	199158	248453	35.47%	2.637%
38	13.010	1855	1857	1861	rVV2	17893	19178	2.74%	0.204%
39	13.092	1868	1871	1875	rBV	572193	550637	78.61%	5.845%
40	13.651	1963	1966	1969	rBV	38675	48917	6.98%	0.519%
41	13.980	2019	2022	2026	rBV3	70293	68245	9.74%	0.724%
42	14.169	2049	2054	2057	rBV	610167	662166	94.53%	7.029%
43	14.298	2073	2076	2078	rBV	78919	72996	10.42%	0.775%
44	14.927	2180	2183	2187	rVB	115661	123748	17.67%	1.314%
45	15.280	2241	2243	2248	rVB2	146764	172501	24.63%	1.831%
46	15.710	2314	2316	2321	rVB	276709	317465	45.32%	3.370%
47	16.151	2388	2391	2397	rVB	137634	203635	29.07%	2.162%

Sum of corrected areas: 9420696

LSC Report - Integrated Chromatogram

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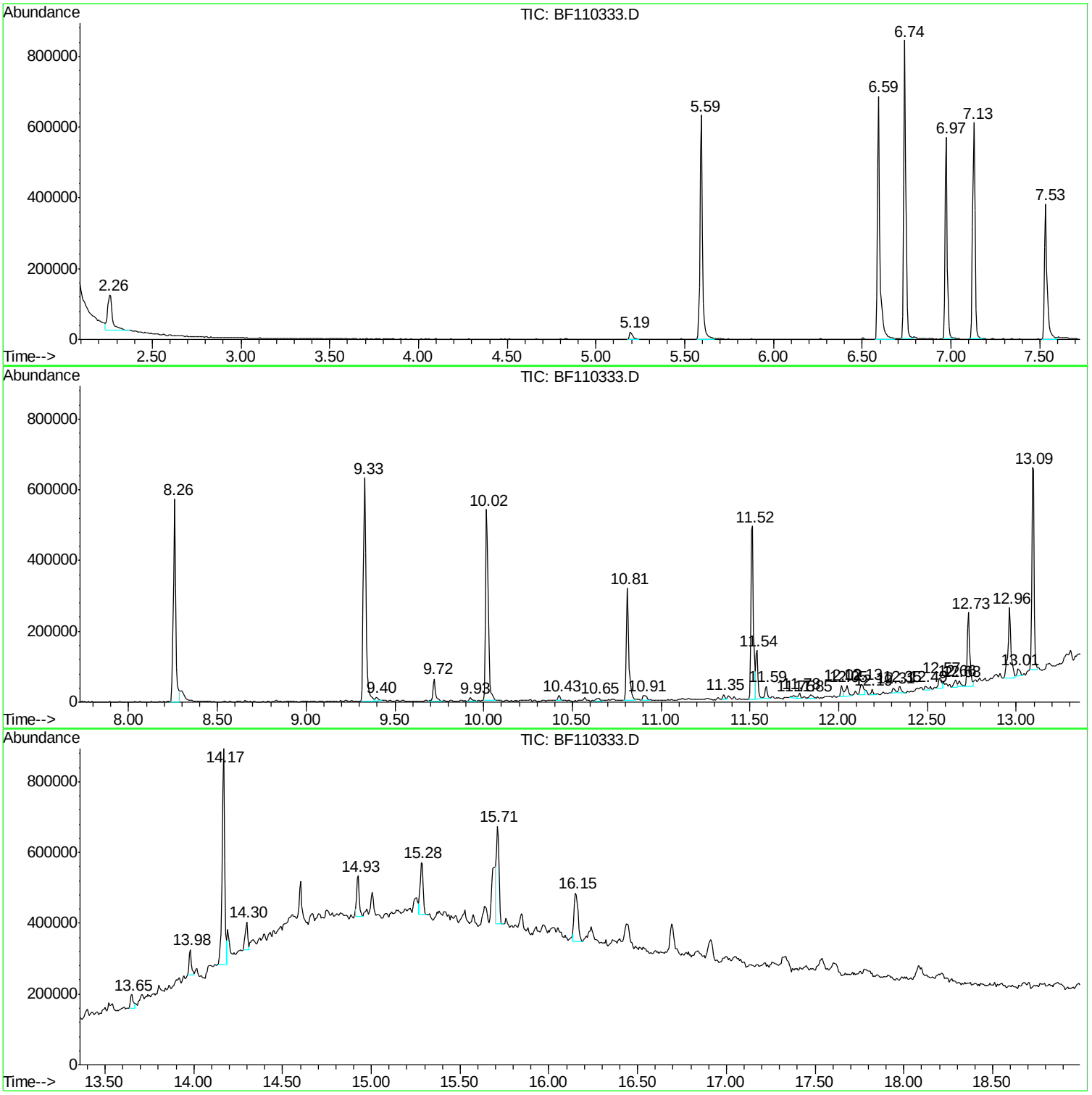
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-103018-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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Misc :
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Instrument : BNA_F
ClientSampleId : PL-02-103018-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

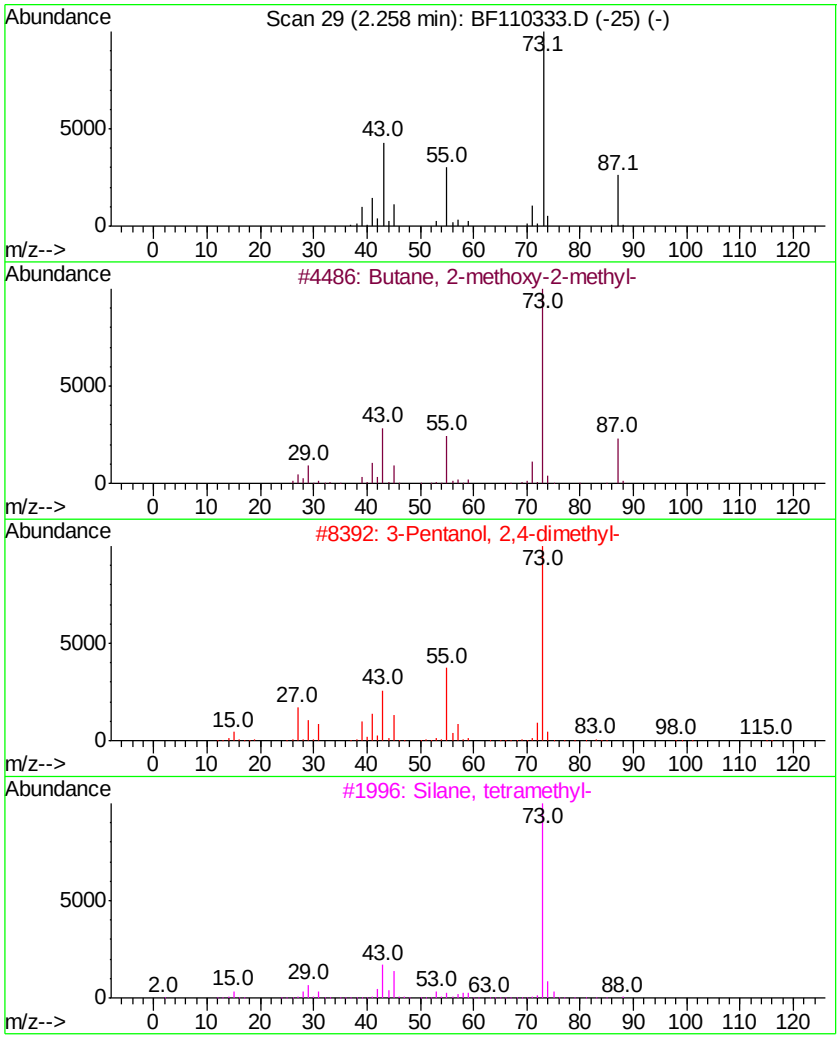
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

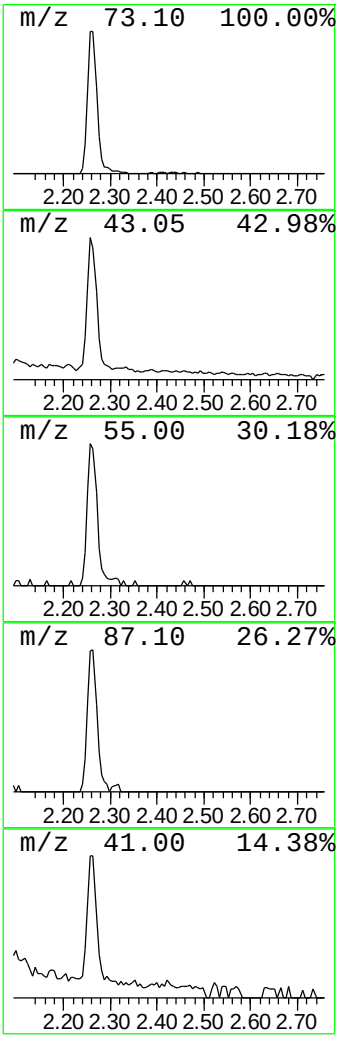
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.26	7.69 ng	188335	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	23
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Instrument : BNA_F
ClientSampleId : PL-02-103018-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

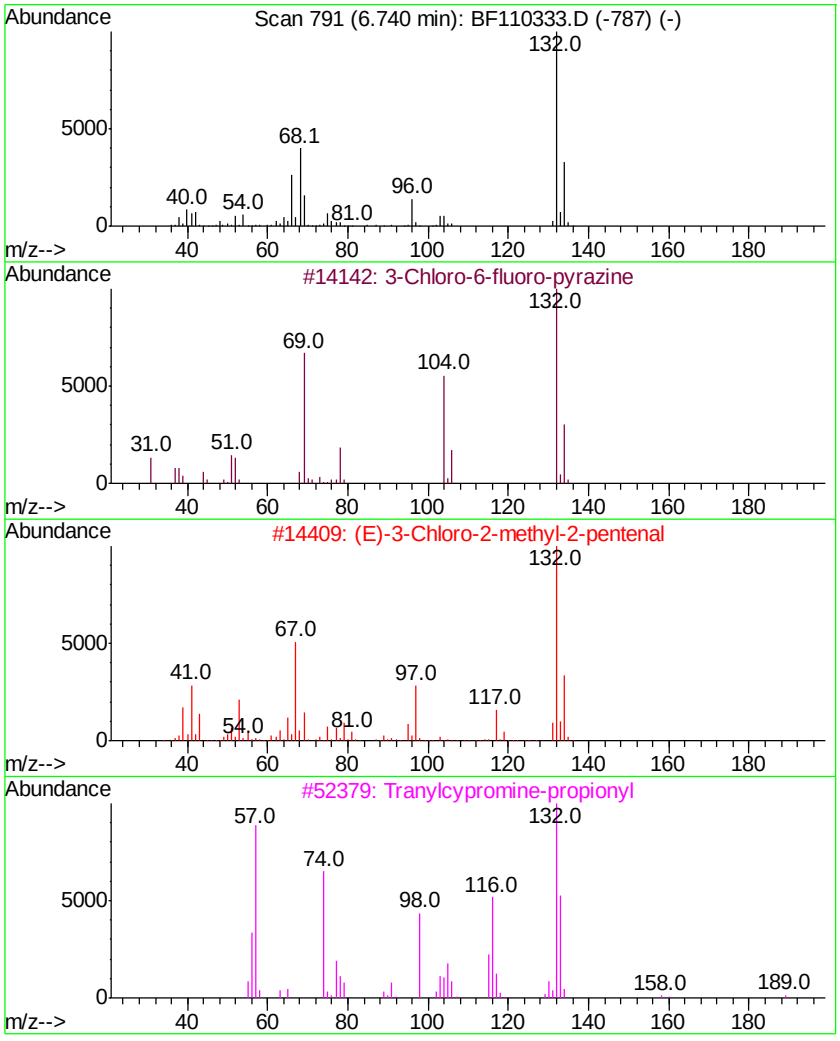
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

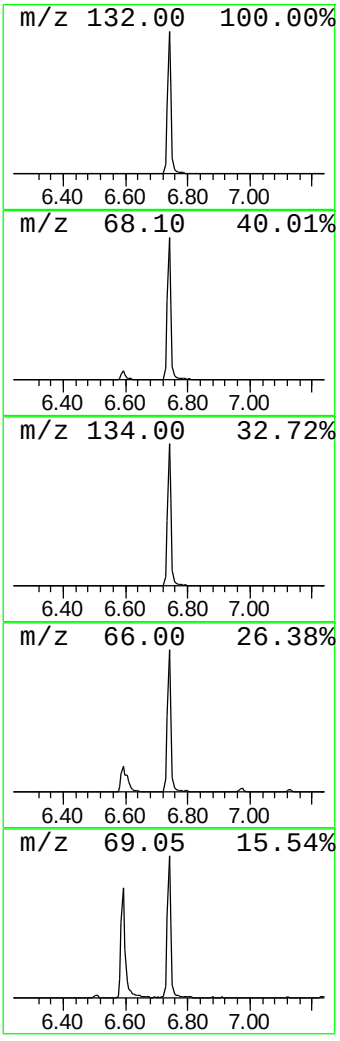
****

Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	28.24 ng	691458	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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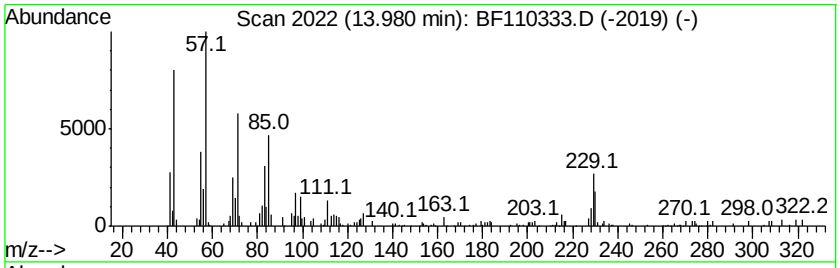
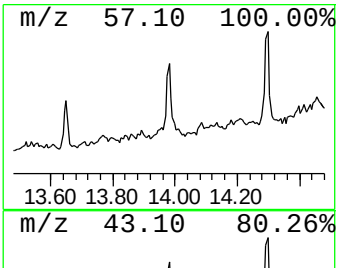
Peak Number 4 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	2.06 ng	68245	Chrysene-d12	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	60
2	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	58
3	Nonadecane	268	C19H40	000629-92-5	55
4	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	52
5	Tritetracontane	605	C43H88	007098-21-7	52





Library Search Compound Report

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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-103018-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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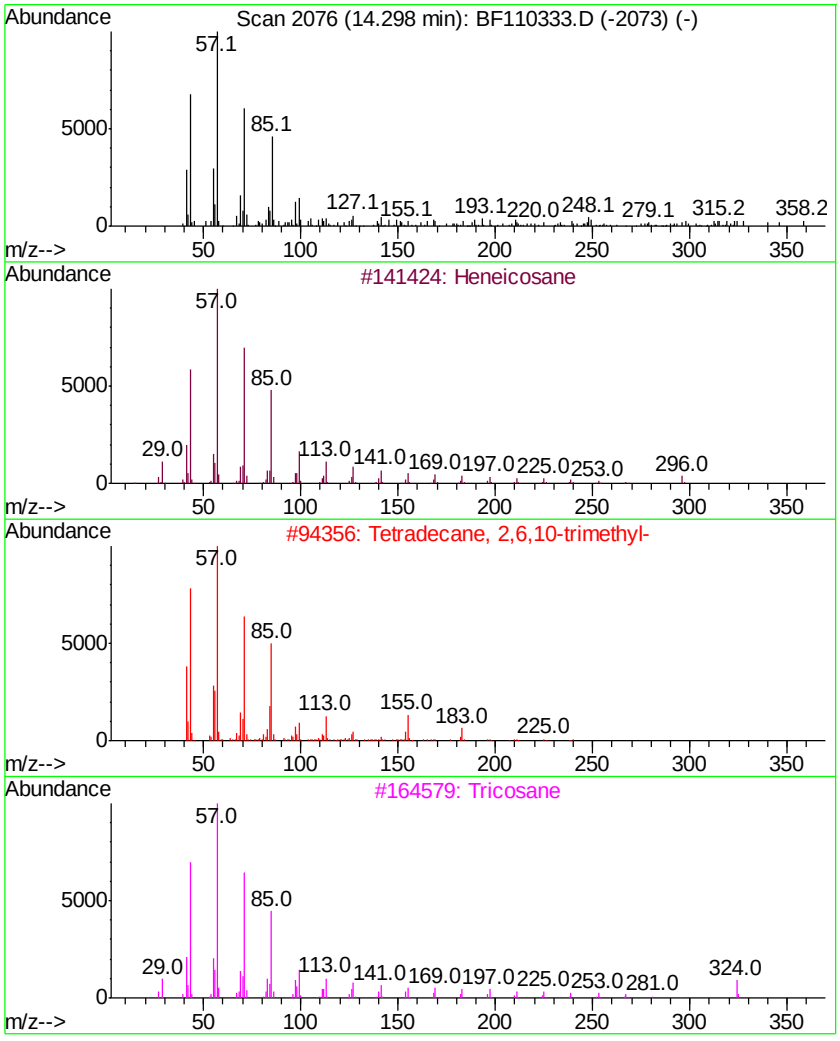
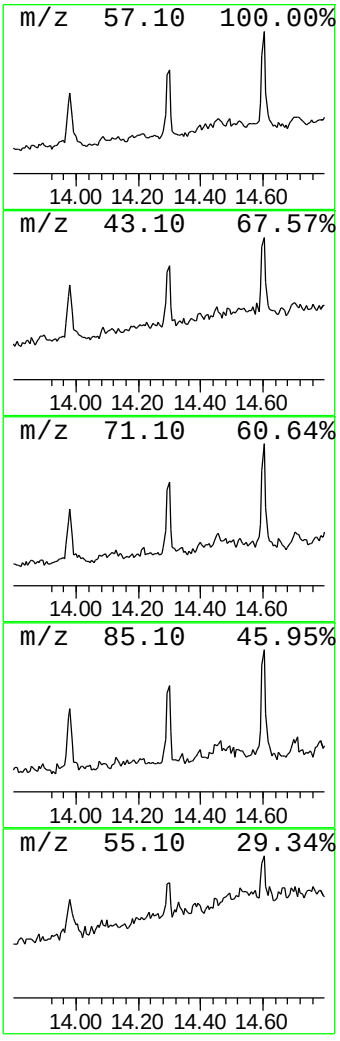
Peak Number 5 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	2.20 ng	72996	Chrysene-d12	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	83
3	Tricosane	324	C23H48	000638-67-5	83
4	Heptadecane	240	C17H36	000629-78-7	83
5	Tricosane, 2-methyl-	338	C24H50	001928-30-9	83





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-103018-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

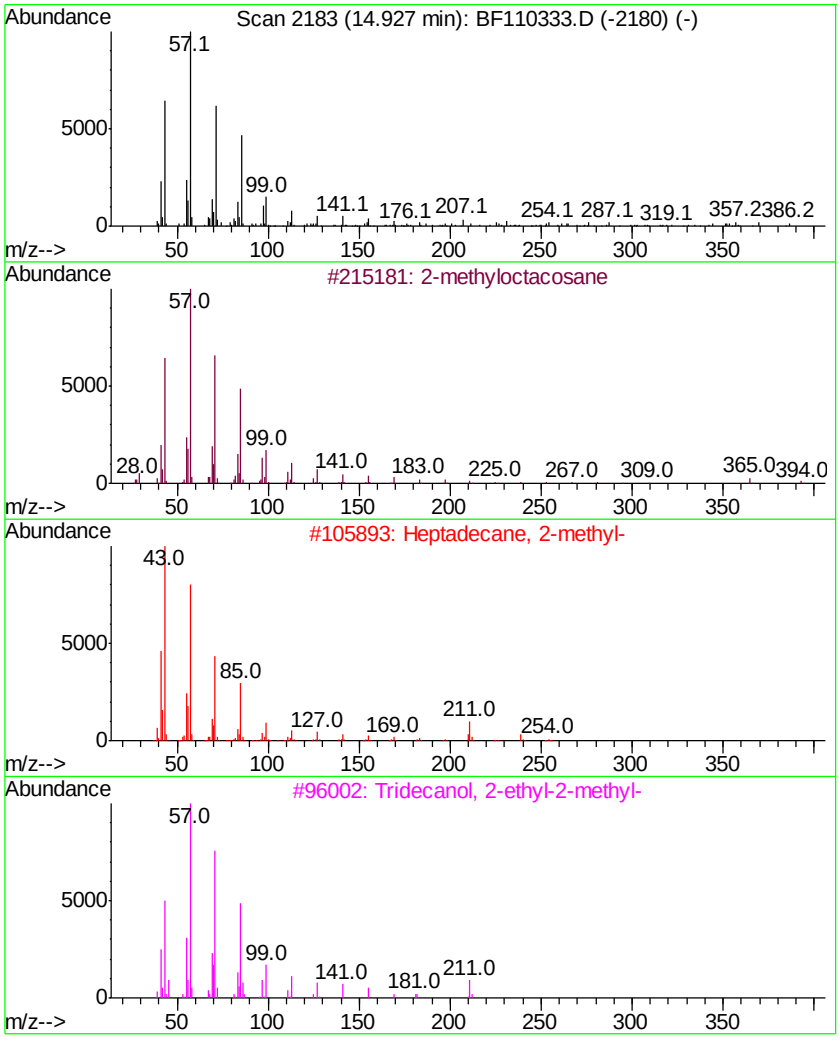
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

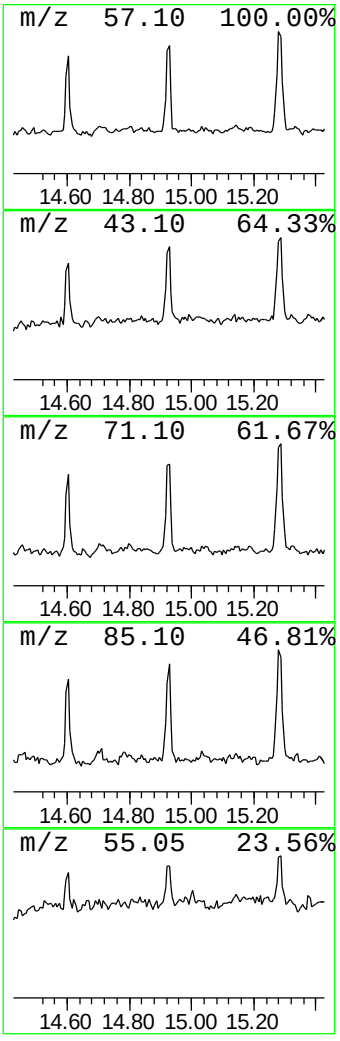
****

Peak Number 6 2-methyloctacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	3.74 ng	123748	Chrysene-d12	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	87
2	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	87
3	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	86
4	Octadecane	254	C18H38	000593-45-3	86
5	Tetracosane	338	C24H50	000646-31-1	86





Tentatively Identified Compound (LSC) summary

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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...	2.26	7.7	ng	188335	1	6.97	489786	20.0
unknown6.74	6.74	28.2	ng	691458	1	6.97	489786	20.0
Eicosane	13.98	2.1	ng	68245	5	14.17	662166	20.0
Heneicosane	14.30	2.2	ng	72996	5	14.17	662166	20.0
2-methyloctacosane	14.93	3.7	ng	123748	5	14.17	662166	20.0