LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110407.D
Acq On : 2 Nov 2018 13:02
Operator : JU/SJ
Sample : J5759-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-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-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	2.257	24	29	35	rVB	400269	518198	34.63%	3.195%
2	5.181	523	526	533	rBV	49501	56075	3.75%	0.346%
3	5.575	589	593	609	rVB	1083480	1023819	68.42%	6.312%
4	6.575	759	763	776	rBV	1280260	1216812	81.32%	7.501%
5	6.722	784	788	792	rBV	1375247	1175522	78.56%	7.247%
6	6.951	824	827	831	rBV	589095	507508	33.92%	3.129%
7	7.110	850	854	857	rBV	1068178	911127	60.89%	5.617%
8	7.516	918	923	933	rBV	850428	797127	53.27%	4.914%
9	8.239	1041	1046	1064	rBV	608812	665444	44.47%	4.102%
10	9.310	1223	1228	1237	rBV	1679432	1496292	100.00%	9.224%
11	9.375	1237	1239	1244	rVB2	15587	18880	1.26%	0.116%
12	9.698	1288	1294	1301	rVB	178821	189389	12.66%	1.168%
13	9.904	1325	1329	1334	rBV3	19761	21679	1.45%	0.134%
14	9.992	1341	1344	1348	rBV	673424	646271	43.19%	3.984%
15	10.027	1348	1350	1356	rVB	27798	25948	1.73%	0.160%
16	10.192	1375	1378	1382	rBV2	15072	18845	1.26%	0.116%
17	10.404	1410	1414	1418	rBV2	30276	26008	1.74%	0.160%
18	10.545	1435	1438	1443	rVB2	13712	18726	1.25%	0.115%
19	10.627	1447	1452	1454	rVV5	14173	17791	1.19%	0.110%
20	10.786	1475	1479	1490	rBV	872267	831157	55.55%	5.124%
21	10.880	1492	1495	1503	rBV3	33825	51612	3.45%	0.318%
22	11.216	1548	1552	1555	rBV5	9198	17372	1.16%	0.107%
23	11.327	1568	1571	1573	rBV	31056	24981	1.67%	0.154%
24	11.357	1573	1576	1578	rVB3	16831	16889	1.13%	0.104%
25	11.486	1595	1598	1600	rBV	628695	543130	36.30%	3.348%
26	11.510	1600	1602	1606	rVV	242490	210120	14.04%	1.295%
27	11.563	1606	1611	1616	rVB	45096	49848	3.33%	0.307%
28	11.721	1633	1638	1641	rBV3	16073	26106	1.74%	0.161%
29	11.751	1641	1643	1646	rVB	23616	21479	1.44%	0.132%
30	11.827	1651	1656	1659	rBV2	39839	47901	3.20%	0.295%
31	11.992	1681	1684	1686	rBV	57857	58715	3.92%	0.362%
32	12.021	1686	1689	1694	rVB2	49346	69135	4.62%	0.426%
33	12.104	1700	1703	1705	rBV2	39427	41674	2.79%	0.257%
34	12.127	1705	1707	1710	rVB	20072	16713	1.12%	0.103%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J5759-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-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-BF102318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.163	1710	1713	1716	rVB2	22175	18510	1.24%	0.114%
36	12.280	1731	1733	1736	rBV	20256	20316	1.36%	0.125%
37	12.316	1736	1739	1744	rVB6	18462	21070	1.41%	0.130%
38	12.533	1774	1776	1777	rBV	21379	16865	1.13%	0.104%
39	12.627	1788	1792	1795	rBV2	21012	25617	1.71%	0.158%
40	12.704	1801	1805	1808	rBV	339174	304022	20.32%	1.874%
41	12.933	1838	1844	1850	rBV	323951	366193	24.47%	2.257%
42	12.980	1850	1852	1858	rVB4	19140	22333	1.49%	0.138%
43	13.068	1863	1867	1870	rBV	1497602	1257328	84.03%	7.751%
44	13.145	1877	1880	1884	rBV3	22071	29467	1.97%	0.182%
45	13.257	1893	1899	1901	rBV3	29158	54157	3.62%	0.334%
46	13.363	1914	1917	1920	rBV2	27375	29212	1.95%	0.180%
47	13.492	1936	1939	1943	rBV2	24309	28821	1.93%	0.178%
48	13.615	1958	1960	1963	rBV	19369	17546	1.17%	0.108%
49	13.774	1984	1987	1989	rVB	29769	24823	1.66%	0.153%
50	13.880	2003	2005	2008	rBV2	19455	18170	1.21%	0.112%
51	13.945	2013	2016	2020	rBV2	134307	149445	9.99%	0.921%
52	14.133	2043	2048	2051	rBV2	651403	732421	48.95%	4.515%
53	14.157	2051	2052	2060	rVB	151878	122555	8.19%	0.756%
54	14.239	2064	2066	2068	rBV	25718	23696	1.58%	0.146%
55	14.262	2068	2070	2073	rBV2	43747	42575	2.85%	0.262%
56	14.568	2119	2122	2128	rBV2	66358	76986	5.15%	0.475%
57	14.886	2173	2176	2180	rVB2	82482	84034	5.62%	0.518%
58	15.204	2226	2230	2233	rBV	119778	178817	11.95%	1.102%
59	15.233	2233	2235	2240	rVB2	127293	145382	9.72%	0.896%
60	15.521	2281	2284	2289	rVB	75899	95597	6.39%	0.589%
61	15.592	2292	2296	2300	rVV	103778	127685	8.53%	0.787%
62	15.656	2300	2307	2311	rBV2	374182	601735	40.22%	3.710%
63	16.092	2377	2381	2386	rVB2	80992	120618	8.06%	0.744%
64	16.621	2467	2471	2475	rBV3	54550	86913	5.81%	0.536%

Sum of corrected areas: 16221202

LSC Report - Integrated Chromatogram

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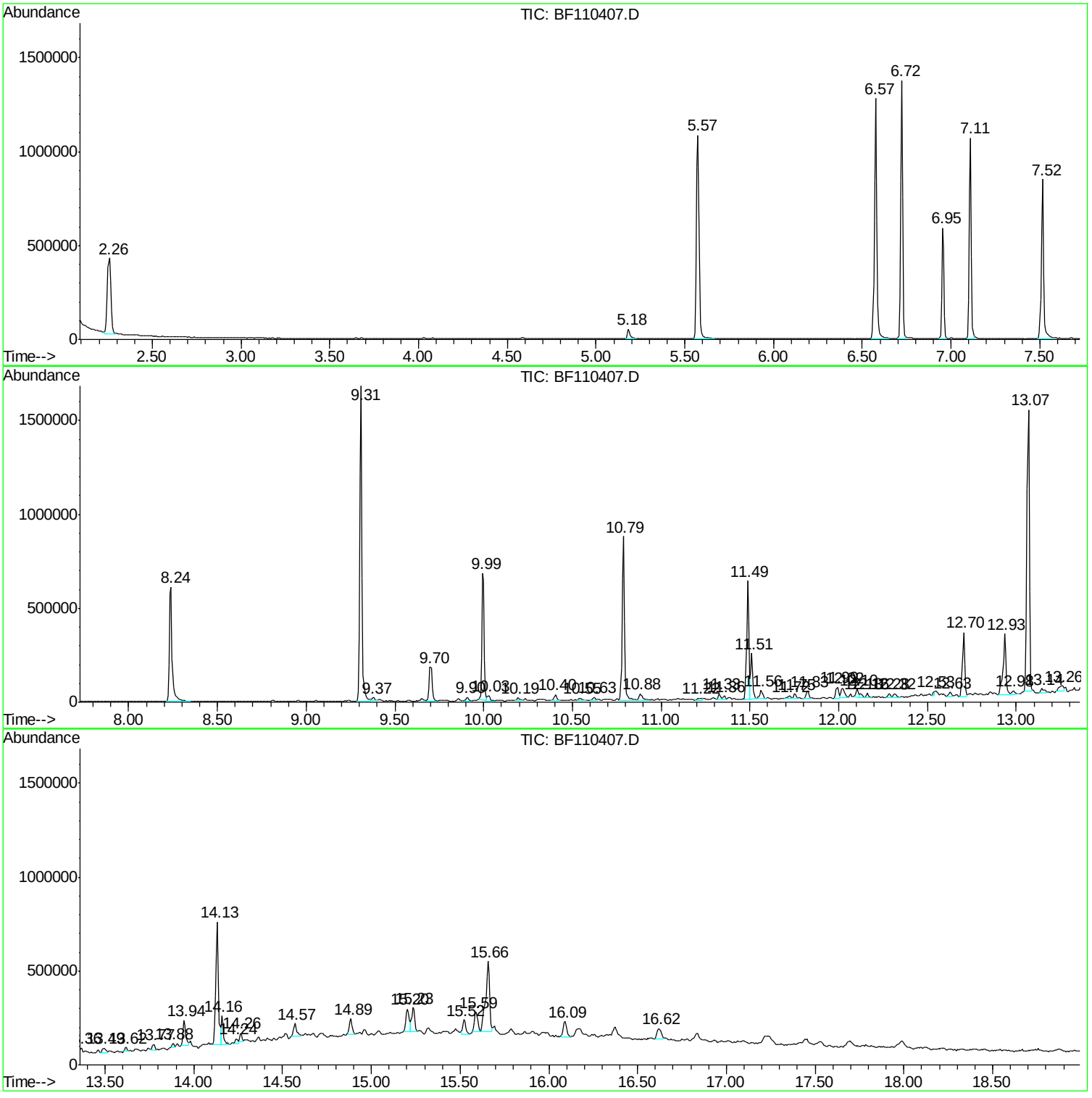
Operator : JU/SJ
Sample : J5759-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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



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

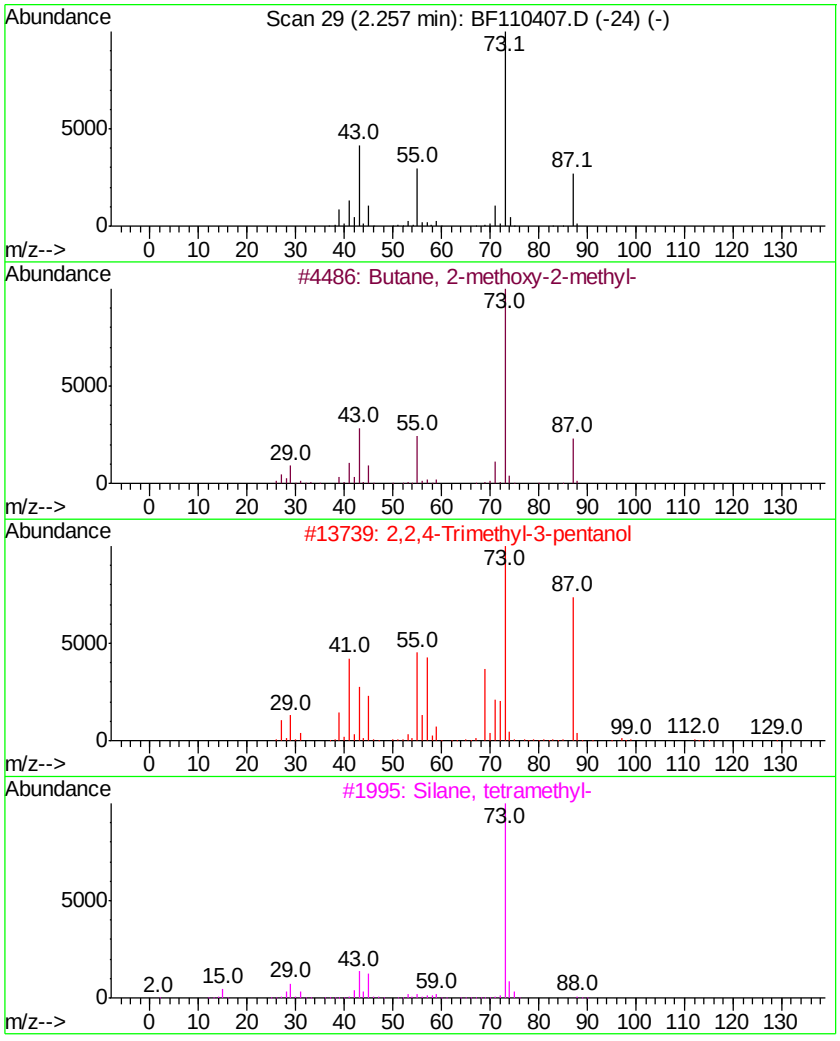
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

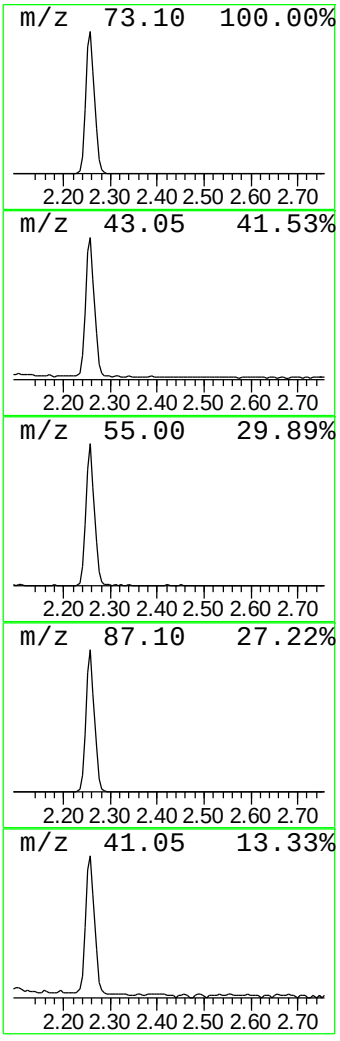
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.26	20.42 ng	518198	1,4-Dichlorobenzene-d4	6.95

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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110407.D
Acq On : 2 Nov 2018 13:02
Operator : JU/SJ
Sample : J5759-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

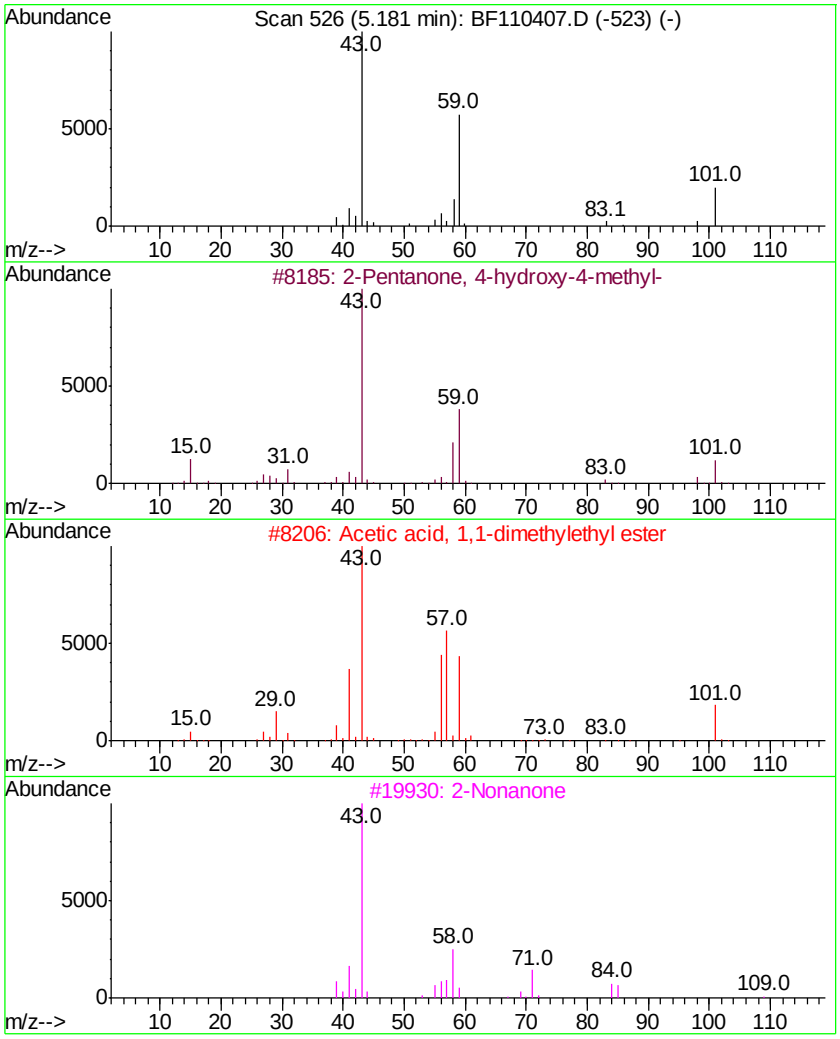
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

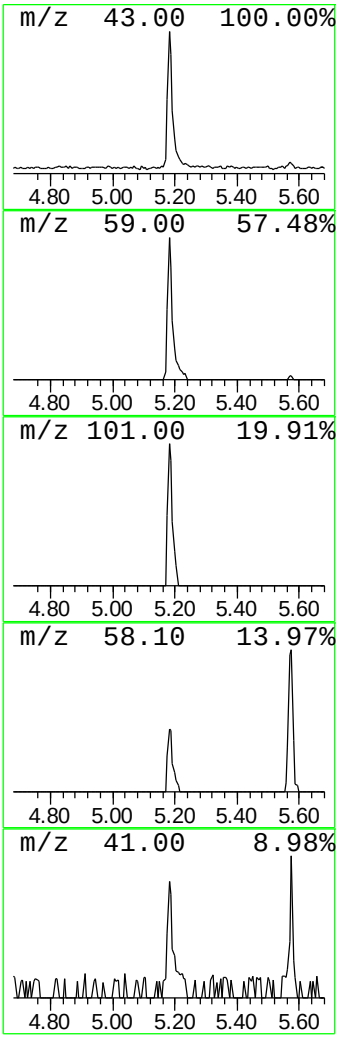
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	2.21 ng	56075	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	2-Nonanone	142	C9H18O	000821-55-6	9
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
5	5-Aminovaleric acid	117	C5H11NO2	000660-88-8	9





Library Search Compound Report

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Sample : J5759-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
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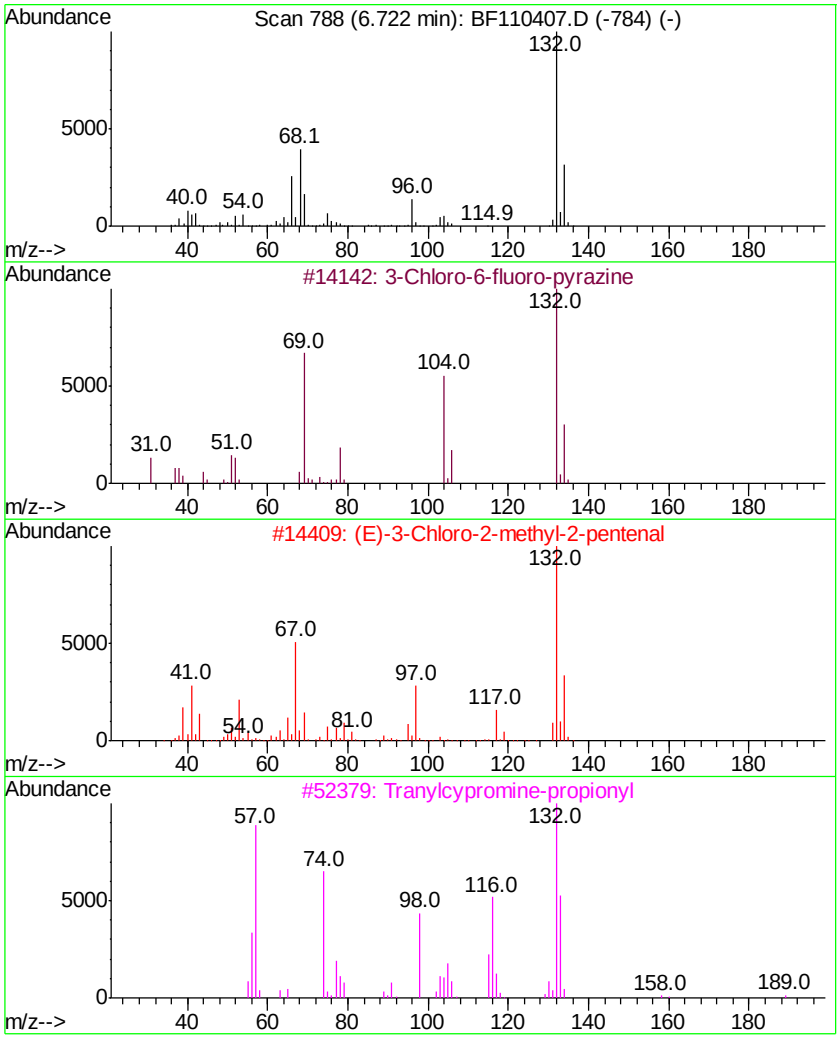
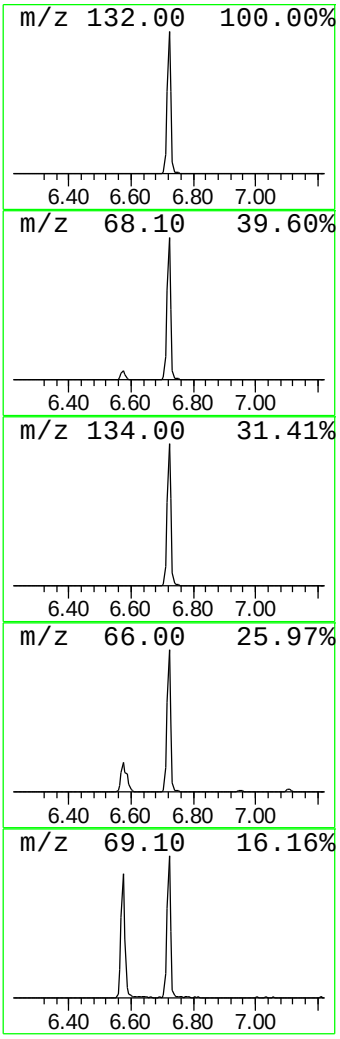
****

Peak Number 3 unknown6.72 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	46.33 ng	1175520	1,4-Dichlorobenzene-d4	6.95

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	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

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
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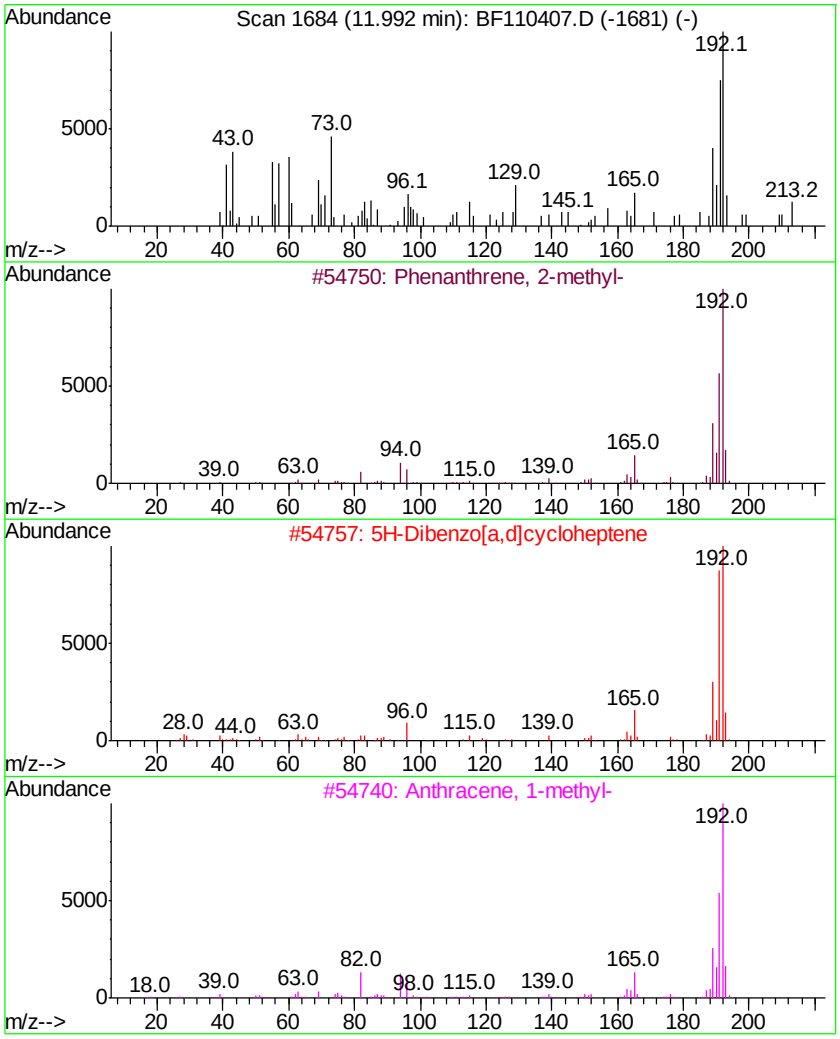
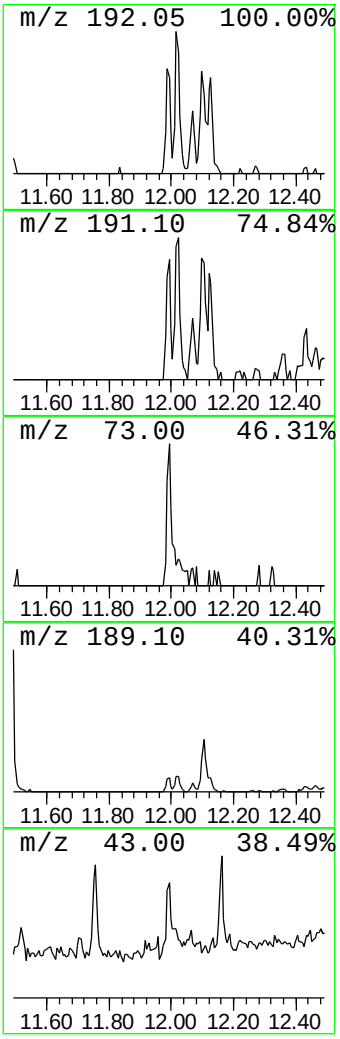
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	2.16 ng	58715	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	60
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	55
4	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	55
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	53





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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

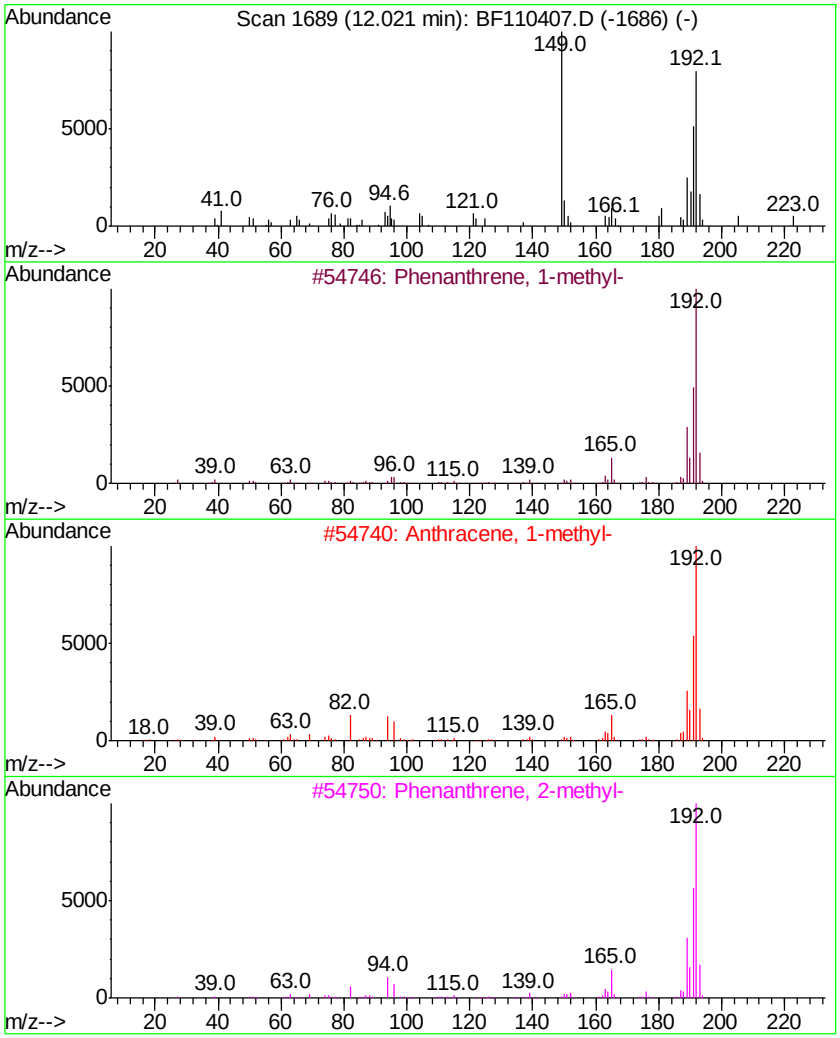
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

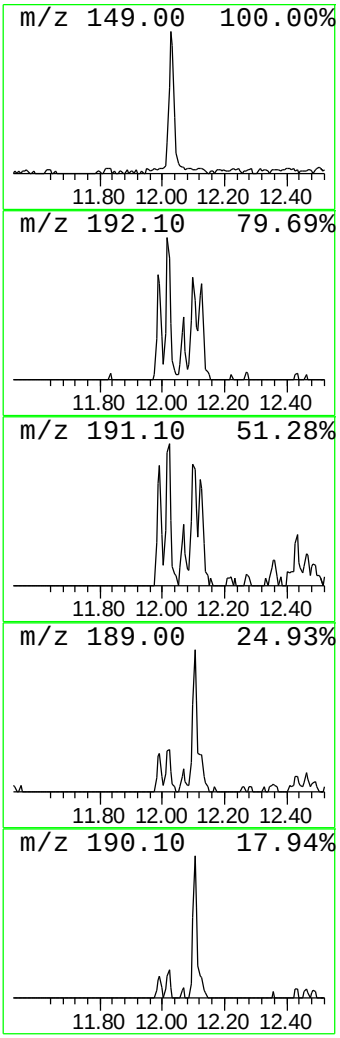
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	2.55 ng	69135	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	55
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	55
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	55
4	3,4-Dihydro-4,4-dimethylthiocoum...	192	C11H12OS	091587-25-6	52
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	49





Library Search Compound Report

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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

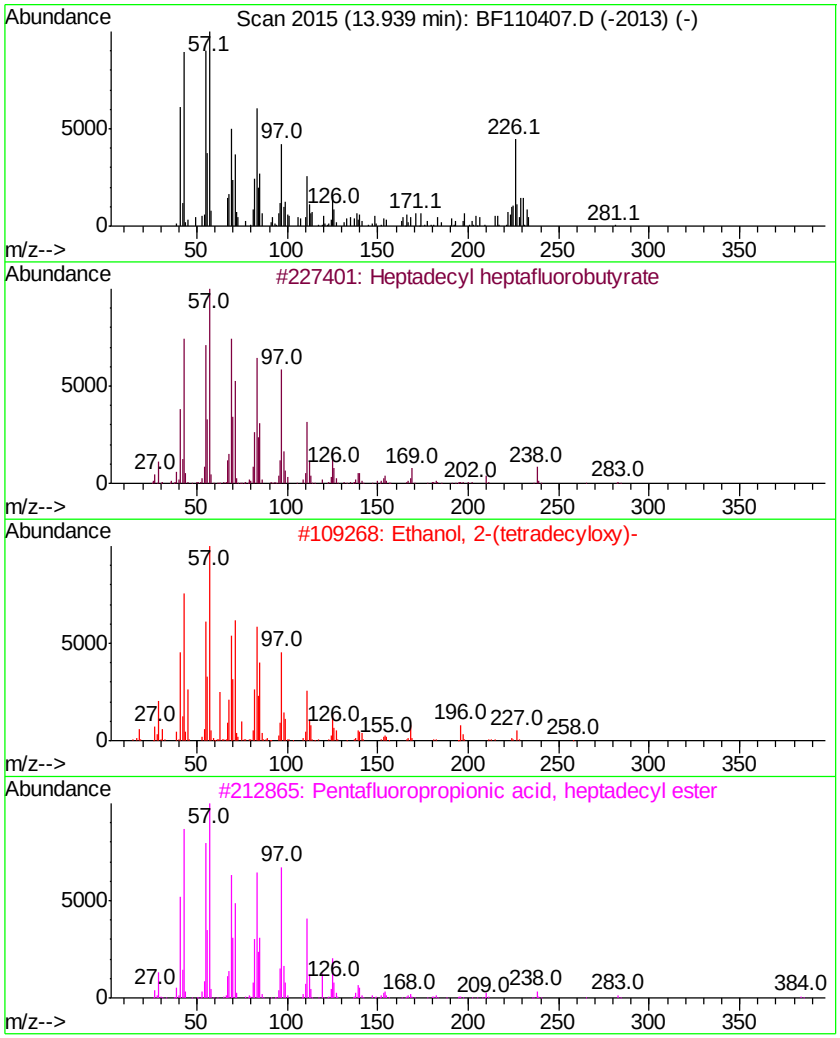
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

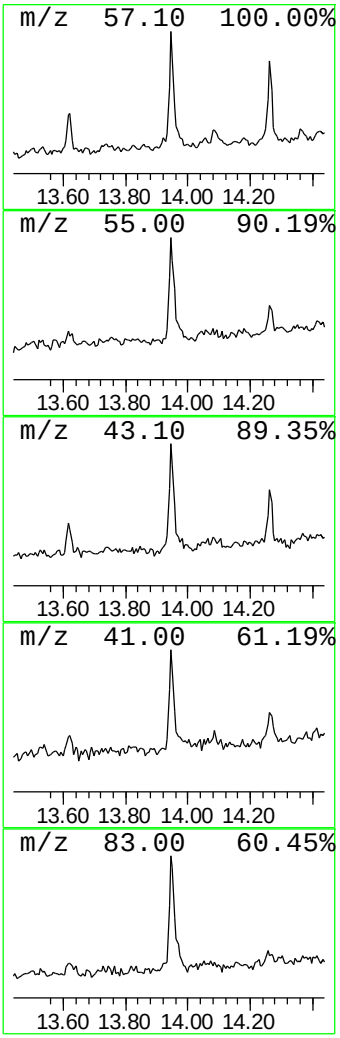
****

Peak Number 7 Heptadecyl heptafluorobutyrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	4.08 ng	149445	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	76
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	76
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	76
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	70
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	70





Library Search Compound Report

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Data File : BF110407.D
Acq On : 2 Nov 2018 13:02
Operator : JU/SJ
Sample : J5759-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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

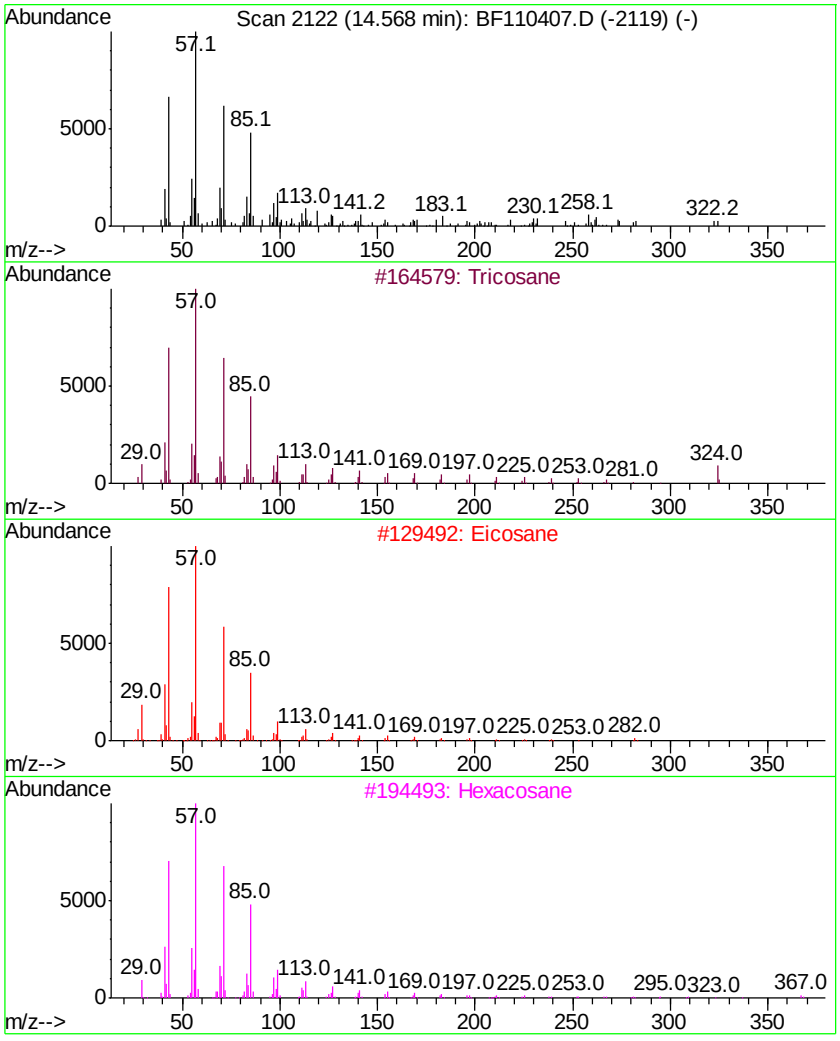
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

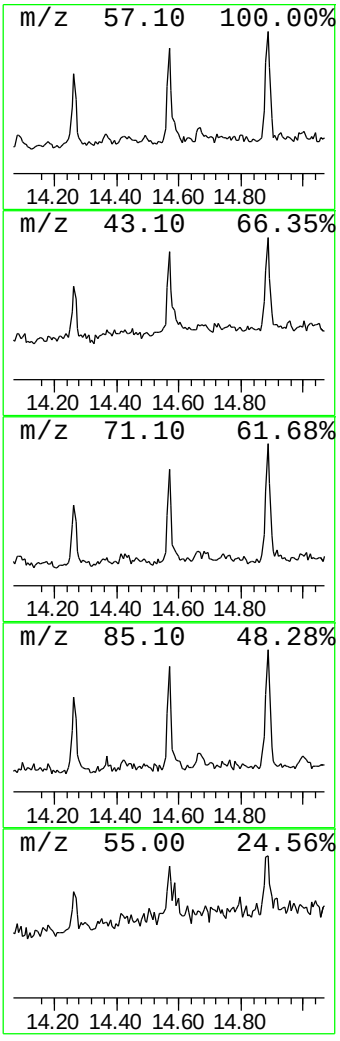
****

Peak Number 8 Tricosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	2.10 ng	76986	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	64
2	Eicosane	282	C20H42	000112-95-8	64
3	Hexacosane	366	C26H54	000630-01-3	58
4	Heneicosane	296	C21H44	000629-94-7	58
5	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110407.D
Acq On : 2 Nov 2018 13:02
Operator : JU/SJ
Sample : J5759-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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

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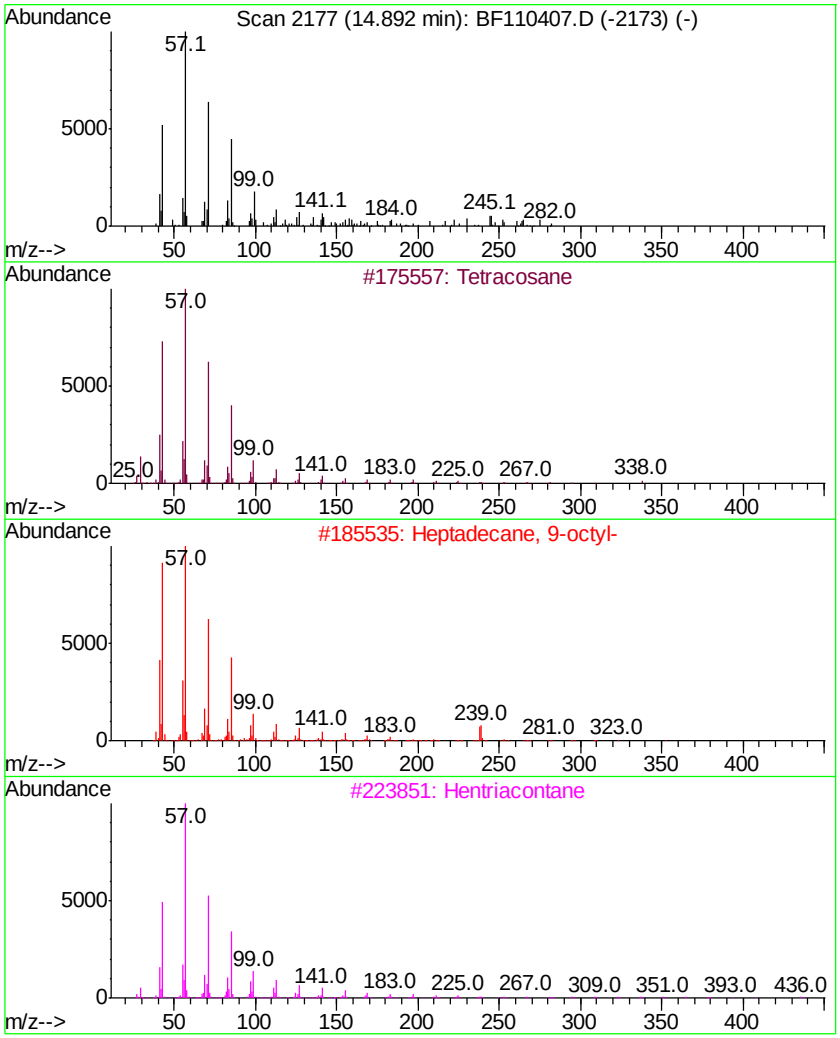
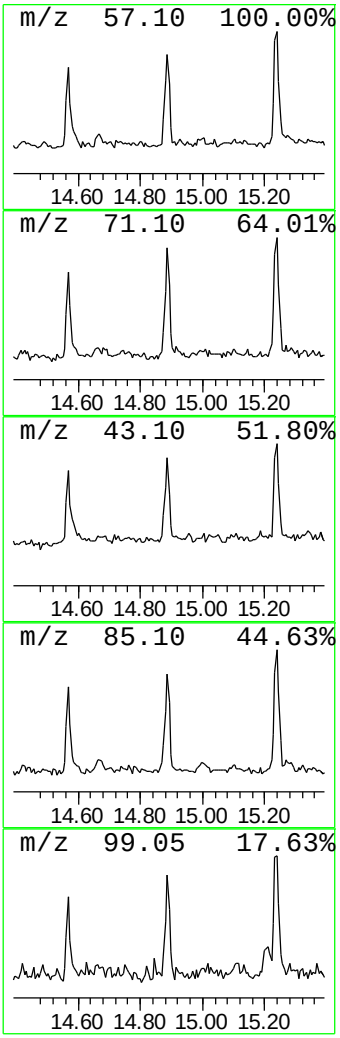
Peak Number 9 Tetracosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	2.29 ng	84034	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	83
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	80
3	Hentriacontane	437	C31H64	000630-04-6	80
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	74
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72





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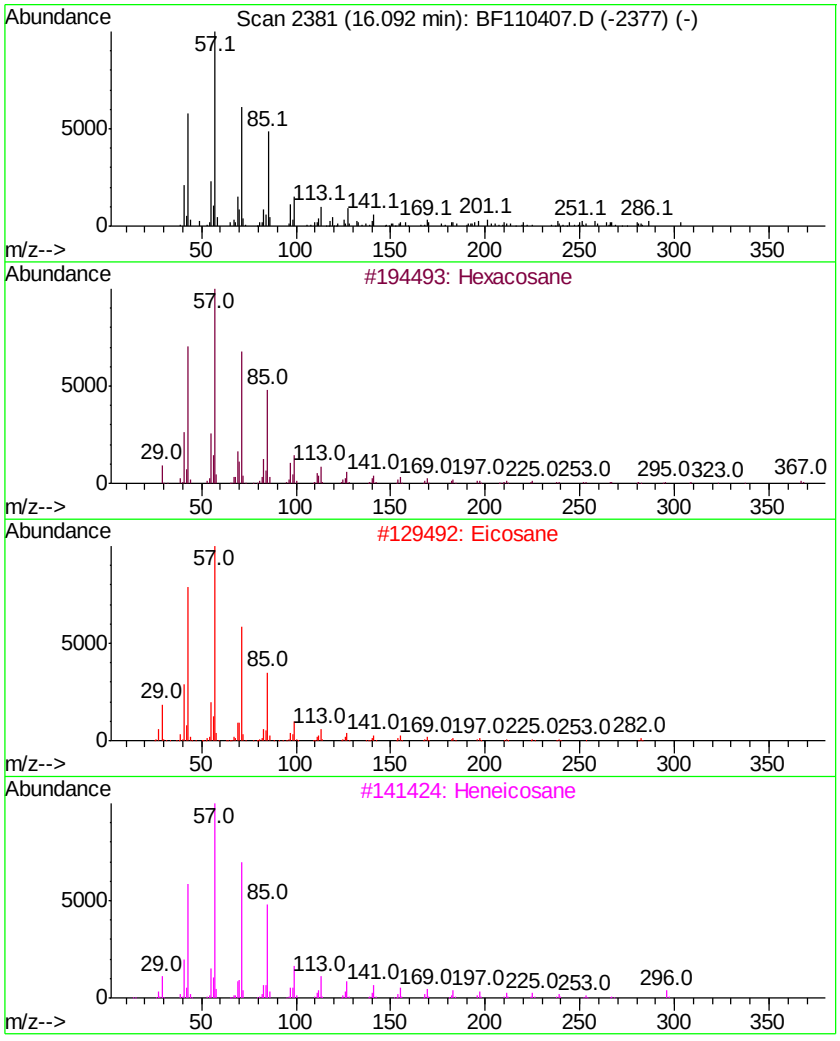
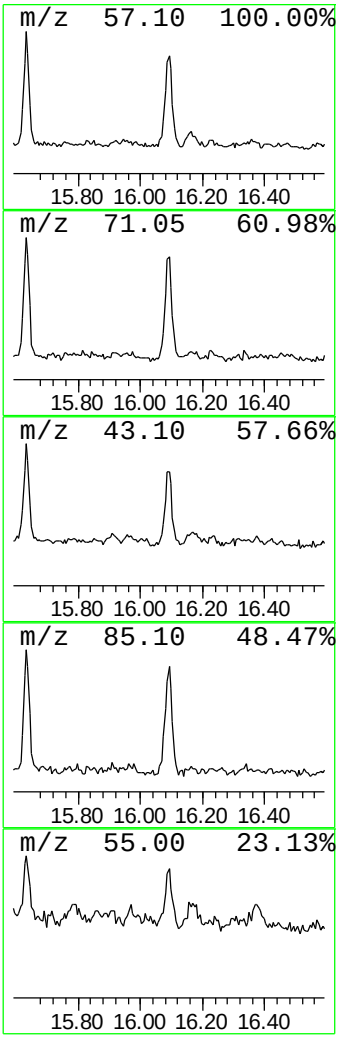
Peak Number 11 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	4.01 ng	120618	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Eicosane	282	C20H42	000112-95-8	90
3	Heneicosane	296	C21H44	000629-94-7	87
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	86





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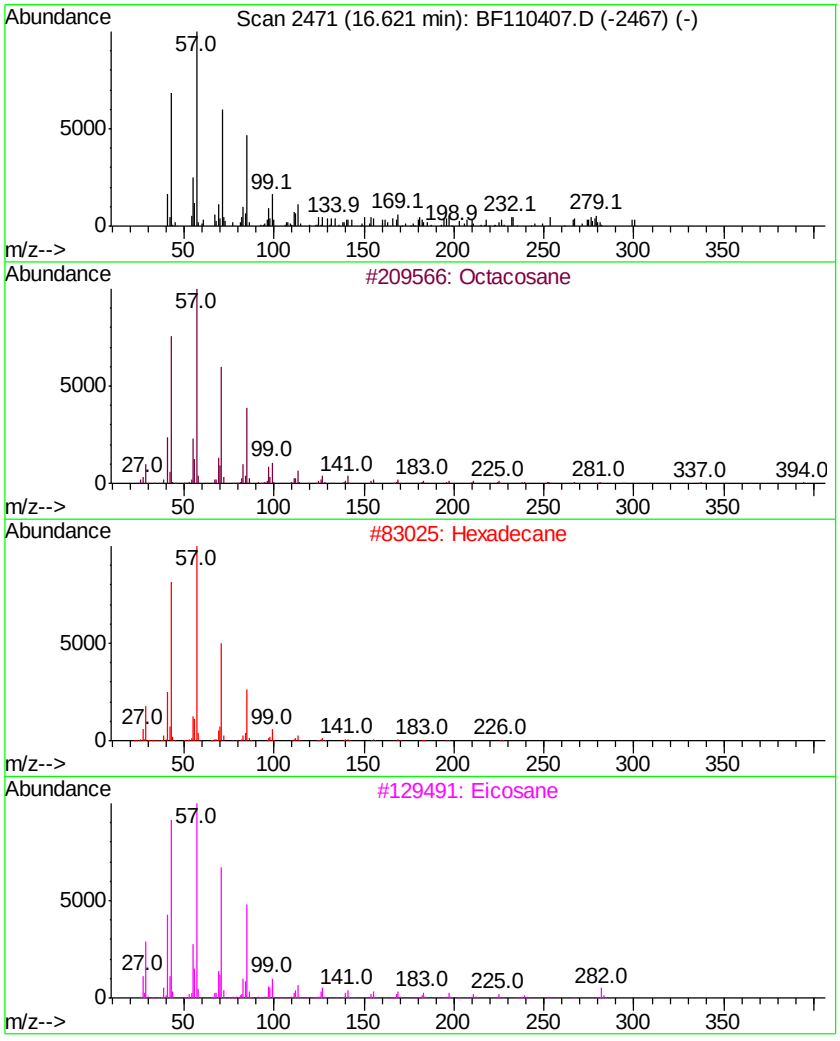
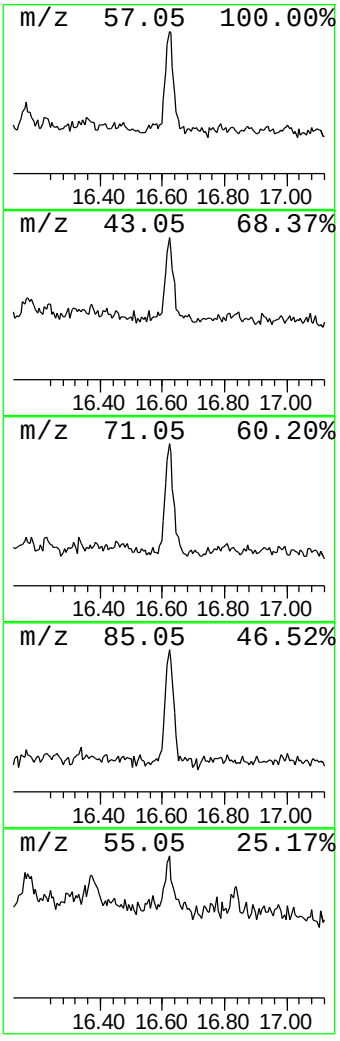
Peak Number 12 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	2.89 ng	86913	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	64
2	Hexadecane	226	C16H34	000544-76-3	64
3	Eicosane	282	C20H42	000112-95-8	58
4	Tetracosane	338	C24H50	000646-31-1	58
5	Heneicosane	296	C21H44	000629-94-7	58





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.26	20.4	ng	518198	1	6.95	507508	20.0
2-Pentanone, 4-hy...	5.18	2.2	ng	56075	1	6.95	507508	20.0
unknown6.72	6.72	46.3	ng	1175520	1	6.95	507508	20.0
Phenanthrene, 2-m...	11.99	2.2	ng	58715	4	11.49	543130	20.0
Phenanthrene, 1-m...	12.02	2.5	ng	69135	4	11.49	543130	20.0
Heptadecyl heptaf...	13.94	4.1	ng	149445	5	14.13	732421	20.0
Tricosane	14.57	2.1	ng	76986	5	14.13	732421	20.0
Tetracosane	14.89	2.3	ng	84034	5	14.13	732421	20.0
Hexacosane	16.09	4.0	ng	120618	6	15.66	601735	20.0
Octacosane	16.62	2.9	ng	86913	6	15.66	601735	20.0