LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100121\
Data File : BF125757.D
Acq On : 1 Oct 2021 17:43
Operator : JU/CG
Sample : M3998-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MIXED-DEBRIS-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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-BF092421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125757.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.181	9	16	22	rVB	1411518	1844469	22.07%	2.528%
2	2.293	31	35	41	rBV	74345	96751	1.16%	0.133%
3	3.634	257	263	270	rVB	136206	198119	2.37%	0.272%
4	4.516	402	413	416	rBV	5157499	8357850	100.00%	11.455%
5	5.122	508	516	519	rBV	3100726	4879434	58.38%	6.688%
6	5.504	577	581	584	rBV	2630707	2228007	26.66%	3.054%
7	6.510	746	752	755	rBV	3761957	3897602	46.63%	5.342%
8	6.887	812	816	819	rBV	1620449	1284386	15.37%	1.760%
9	7.204	867	870	873	rBV	166260	138694	1.66%	0.190%
10	7.445	906	911	914	rBV	3257285	2990177	35.78%	4.098%
11	7.569	928	932	938	rVB	102689	85406	1.02%	0.117%
12	7.698	950	954	958	rVB	97338	85565	1.02%	0.117%
13	8.063	1013	1016	1026	rBV	424461	409633	4.90%	0.561%
14	8.169	1029	1034	1037	rBV	2134661	1747839	20.91%	2.396%
15	9.245	1212	1217	1220	rBV	6274370	5631963	67.39%	7.719%
16	9.851	1317	1320	1325	rVB	213523	165756	1.98%	0.227%
17	9.922	1328	1332	1337	rVV	2278168	1868406	22.36%	2.561%
18	10.175	1371	1375	1379	rBV4	71277	104885	1.25%	0.144%
19	10.351	1402	1405	1408	rVB	599685	427832	5.12%	0.586%
20	10.575	1437	1443	1446	rBV	448650	510492	6.11%	0.700%
21	10.657	1455	1457	1461	rBV2	101848	146068	1.75%	0.200%
22	10.704	1461	1465	1468	rVV2	221152	294872	3.53%	0.404%
23	10.828	1483	1486	1491	rBV	1452004	1888898	22.60%	2.589%
24	10.910	1495	1500	1504	rBV4	69183	150663	1.80%	0.206%
25	10.975	1508	1511	1514	rBV3	73999	114560	1.37%	0.157%
26	11.016	1515	1518	1520	rVV	199023	202992	2.43%	0.278%
27	11.051	1522	1524	1528	rVB	261728	238080	2.85%	0.326%
28	11.110	1532	1534	1537	rBV	151745	131304	1.57%	0.180%
29	11.151	1537	1541	1542	rBV2	191584	201333	2.41%	0.276%
30	11.169	1542	1544	1546	rVB	148980	109405	1.31%	0.150%
31	11.275	1559	1562	1565	rBV	2470240	1900255	22.74%	2.604%
32	11.304	1565	1567	1573	rVB	1208753	1204728	14.41%	1.651%
33	11.357	1573	1576	1579	rBV2	130099	156767	1.88%	0.215%
34	11.404	1581	1584	1590	rBV	1718449	1900408	22.74%	2.605%
35	11.451	1590	1592	1597	rVB	177902	280049	3.35%	0.384%
36	11.522	1602	1604	1606	rBV	168836	125499	1.50%	0.172%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100121\
Data File : BF125757.D
Acq On : 1 Oct 2021 17:43
Operator : JU/CG
Sample : M3998-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MIXED-DEBRIS-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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-BF092421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.545	1606	1608	1611	rBV	323513	273699	3.27%	0.375%
38	11.586	1612	1615	1618	rBV	416433	349779	4.19%	0.479%
39	11.622	1618	1621	1623	rBV	241292	242578	2.90%	0.332%
40	11.657	1624	1627	1630	rBV	606010	588615	7.04%	0.807%
41	11.704	1631	1635	1638	rVV	3343244	2715374	32.49%	3.722%
42	11.863	1660	1662	1665	rBV	373068	449695	5.38%	0.616%
43	11.933	1672	1674	1677	rBV	324193	259626	3.11%	0.356%
44	11.963	1677	1679	1683	rBV3	372903	331756	3.97%	0.455%
45	12.016	1683	1688	1691	rBV3	454902	803364	9.61%	1.101%
46	12.051	1691	1694	1697	rVB3	362325	382023	4.57%	0.524%
47	12.086	1697	1700	1701	rBV2	330054	303659	3.63%	0.416%
48	12.110	1701	1704	1707	rBV	3378296	2795028	33.44%	3.831%
49	12.175	1712	1715	1718	rVV	521898	489692	5.86%	0.671%
50	12.263	1728	1730	1736	rBV4	385777	621357	7.43%	0.852%
51	12.392	1749	1752	1755	rBV	961068	823228	9.85%	1.128%
52	12.457	1761	1763	1766	rVB2	482078	400075	4.79%	0.548%
53	12.498	1767	1770	1775	rVB	2797185	2630752	31.48%	3.606%
54	12.604	1786	1788	1792	rBV4	395161	510950	6.11%	0.700%
55	12.639	1792	1794	1797	rVV	356760	296149	3.54%	0.406%
56	12.716	1804	1807	1808	rBV2	406532	411037	4.92%	0.563%
57	12.845	1827	1829	1831	rBV2	420990	418566	5.01%	0.574%
58	12.869	1831	1833	1837	rVB	1663549	1564346	18.72%	2.144%
59	12.992	1850	1854	1862	rVB	3825774	4324402	51.74%	5.927%
60	13.227	1891	1894	1898	rBV	1240304	1041027	12.46%	1.427%
61	13.480	1935	1937	1941	rVB	441400	341916	4.09%	0.469%
62	13.569	1949	1952	1956	rBV3	796896	813494	9.73%	1.115%
63	13.874	2001	2004	2005	rBV	481275	466680	5.58%	0.640%
64	14.045	2030	2033	2037	rVB	1251155	1135242	13.58%	1.556%
65	15.521	2280	2284	2288	rBV	953666	1177271	14.09%	1.614%

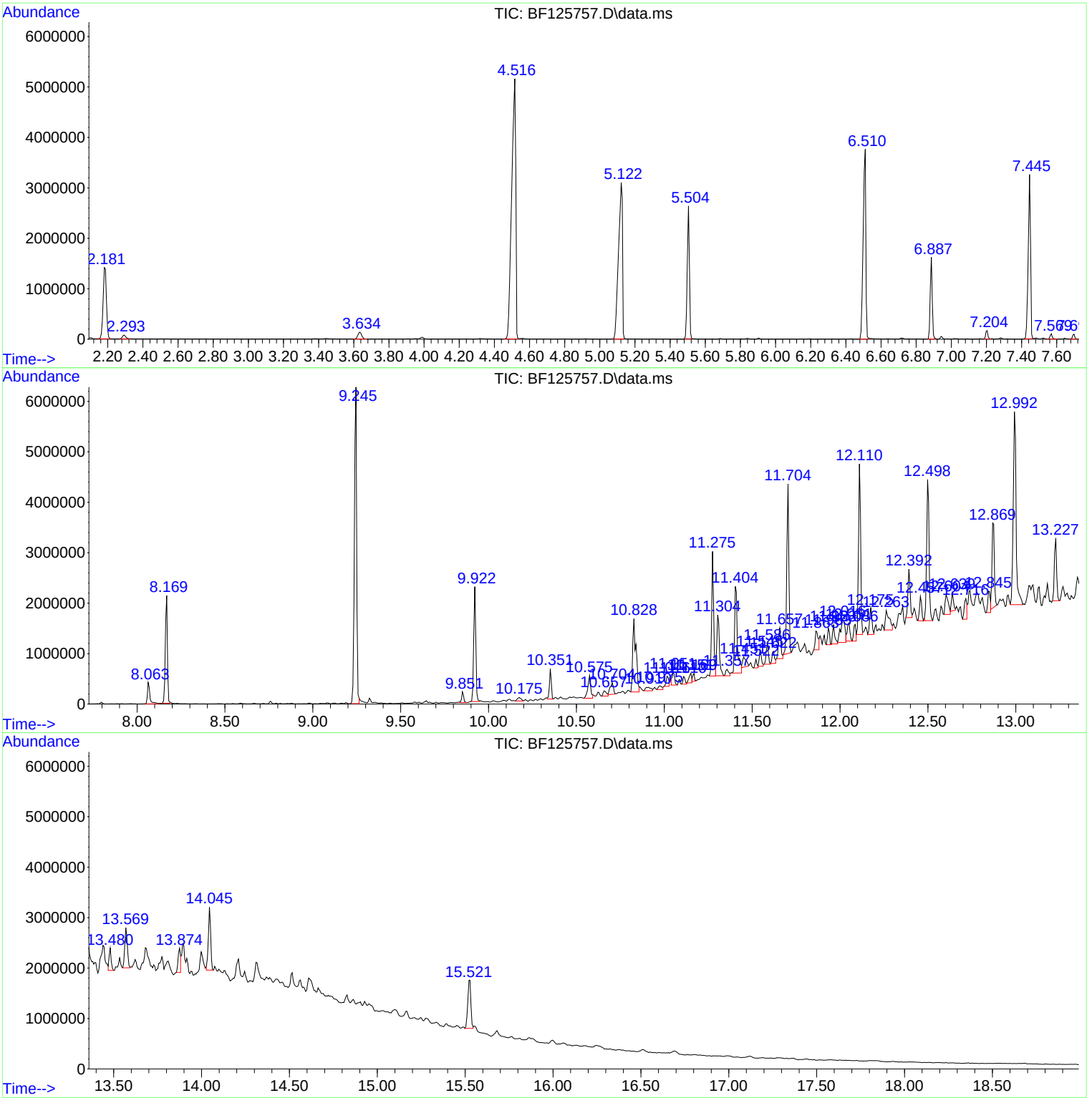
Sum of corrected areas: 72960527

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100121\
Data File : BF125757.D
Acq On : 1 Oct 2021 17:43
Operator : JU/CG
Sample : M3998-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MIXED-DEBRIS-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100121\
Data File : BF125757.D
Acq On : 1 Oct 2021 17:43
Operator : JU/CG
Sample : M3998-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MIXED-DEBRIS-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

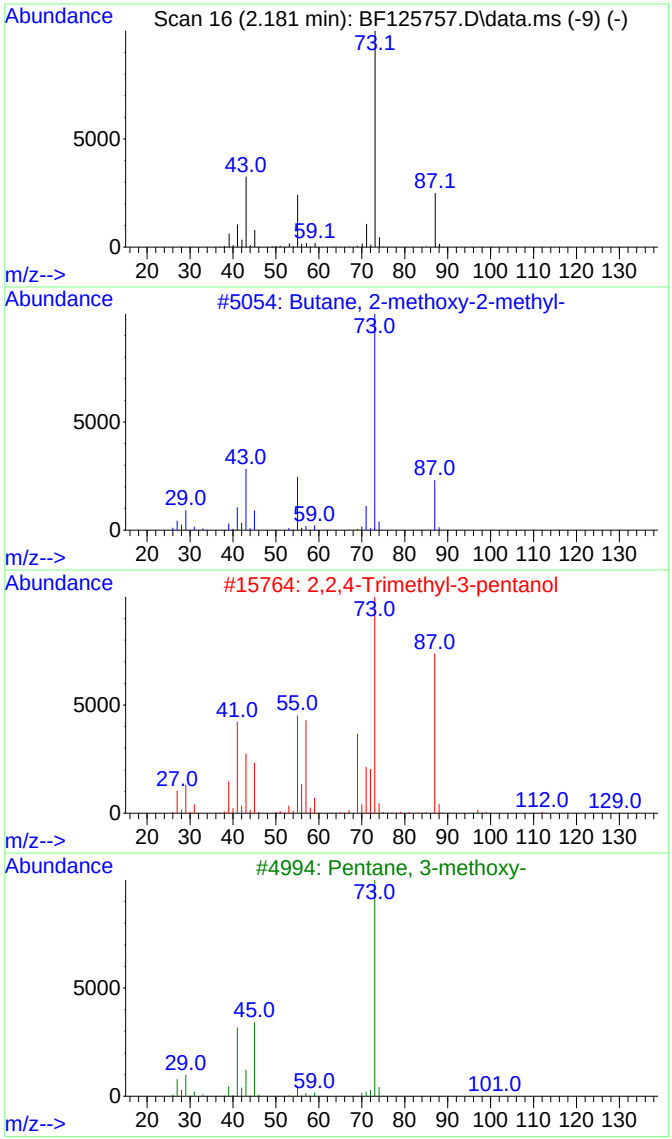
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

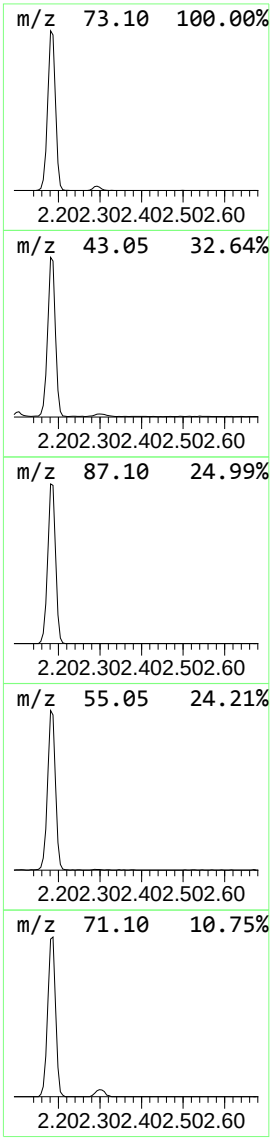
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.181	28.72 ng	1844470	1,4-Dichlorobenzene-d4	6.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100121\
Data File : BF125757.D
Acq On : 1 Oct 2021 17:43
Operator : JU/CG
Sample : M3998-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MIXED-DEBRIS-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

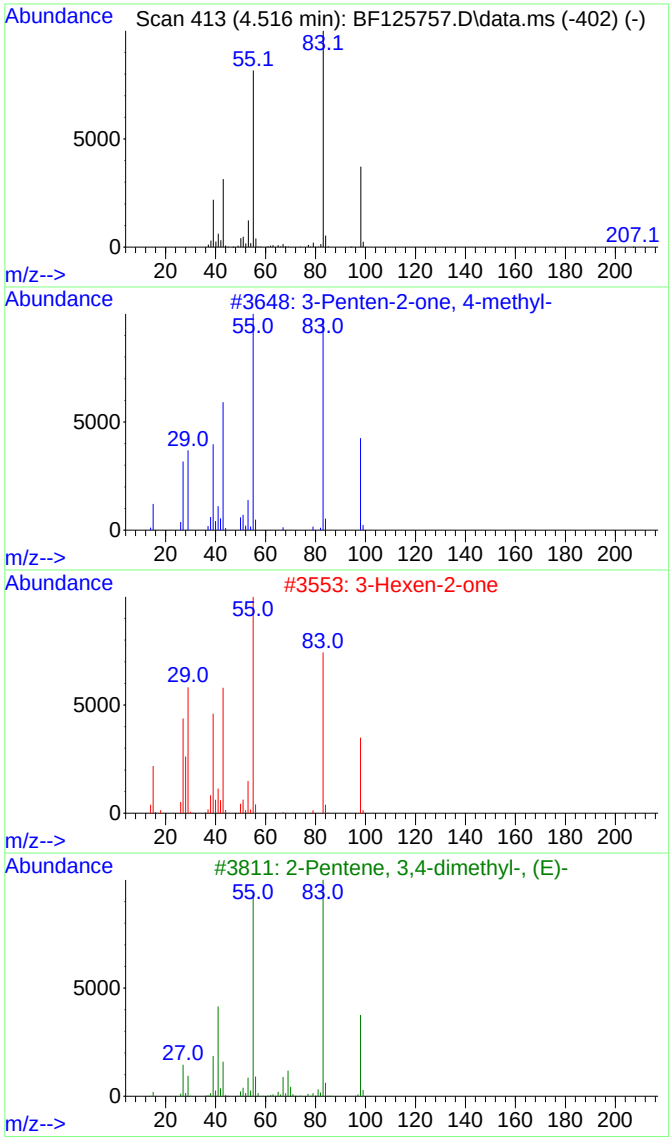
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

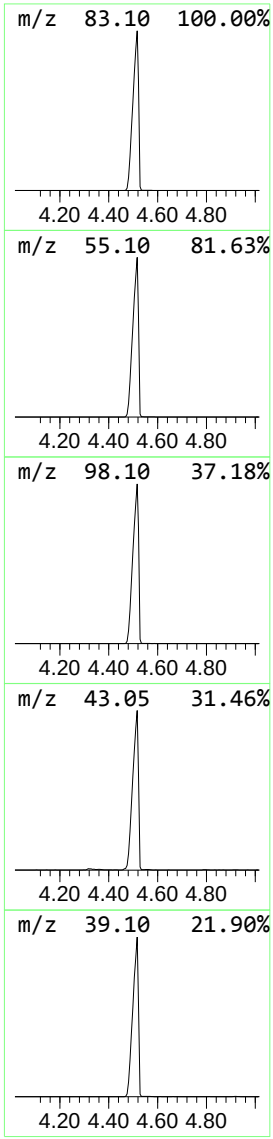
****

Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.516	130.15 ng	8357850	1,4-Dichlorobenzene-d4	6.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	78
5	Furan, 2-methoxy-	98	C5H6O2	025414-22-6	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100121\
Data File : BF125757.D
Acq On : 1 Oct 2021 17:43
Operator : JU/CG
Sample : M3998-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MIXED-DEBRIS-1

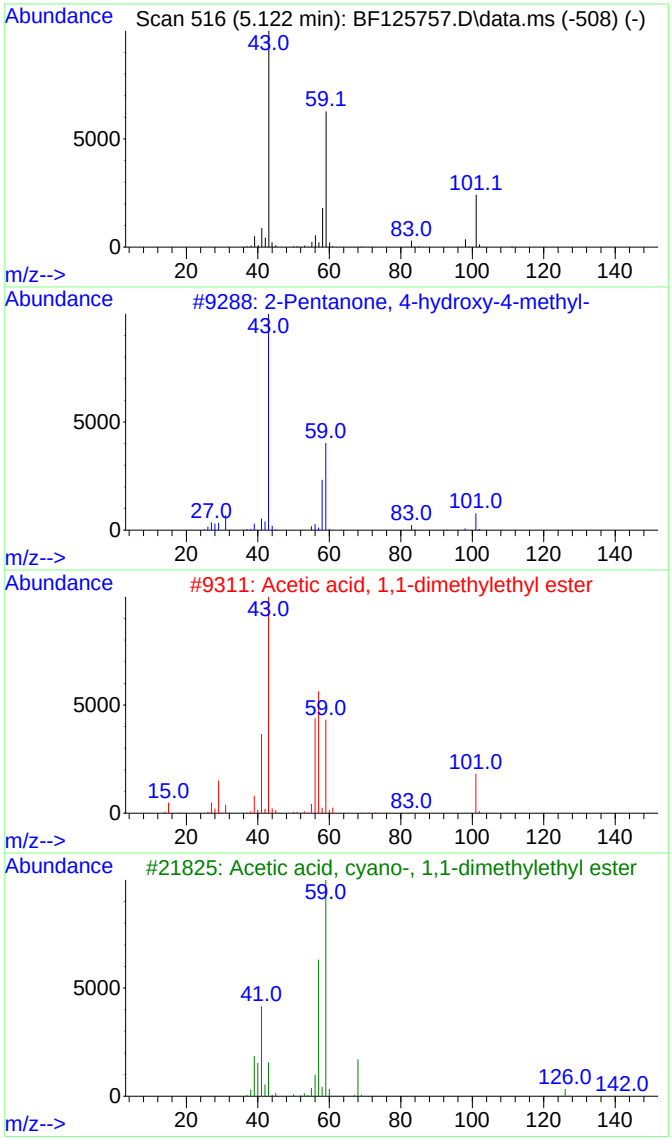
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

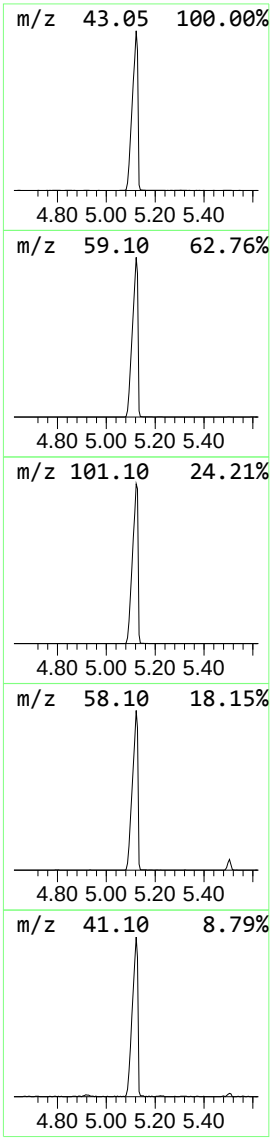
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.122	75.98 ng	4879430	1,4-Dichlorobenzene-d4	6.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100121\
Data File : BF125757.D
Acq On : 1 Oct 2021 17:43
Operator : JU/CG
Sample : M3998-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MIXED-DEBRIS-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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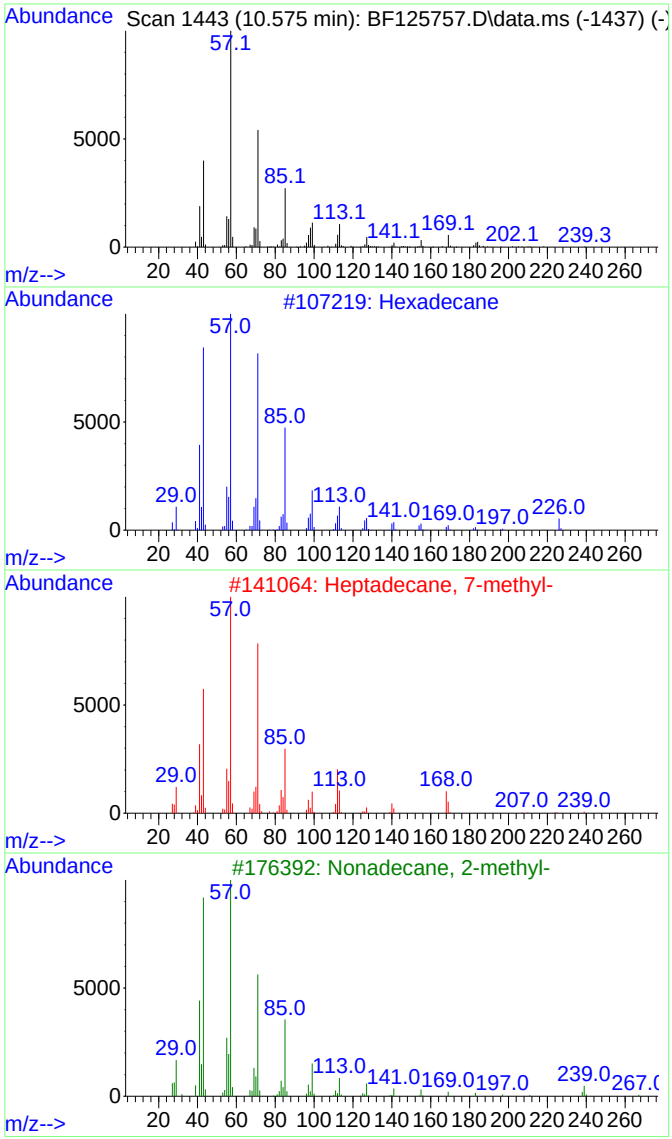
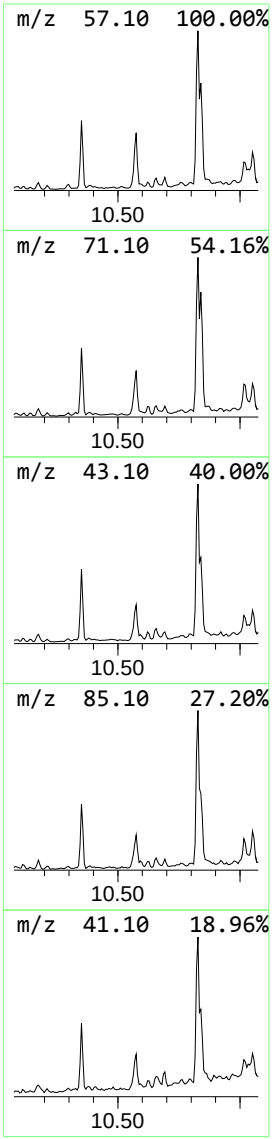
Peak Number 4 Hexadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.575	5.46 ng	510492	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	83
2	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	80
3	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	80
4	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	76
5	Tridecane	184	C13H28	000629-50-5	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100121\
Data File : BF125757.D
Acq On : 1 Oct 2021 17:43
Operator : JU/CG
Sample : M3998-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MIXED-DEBRIS-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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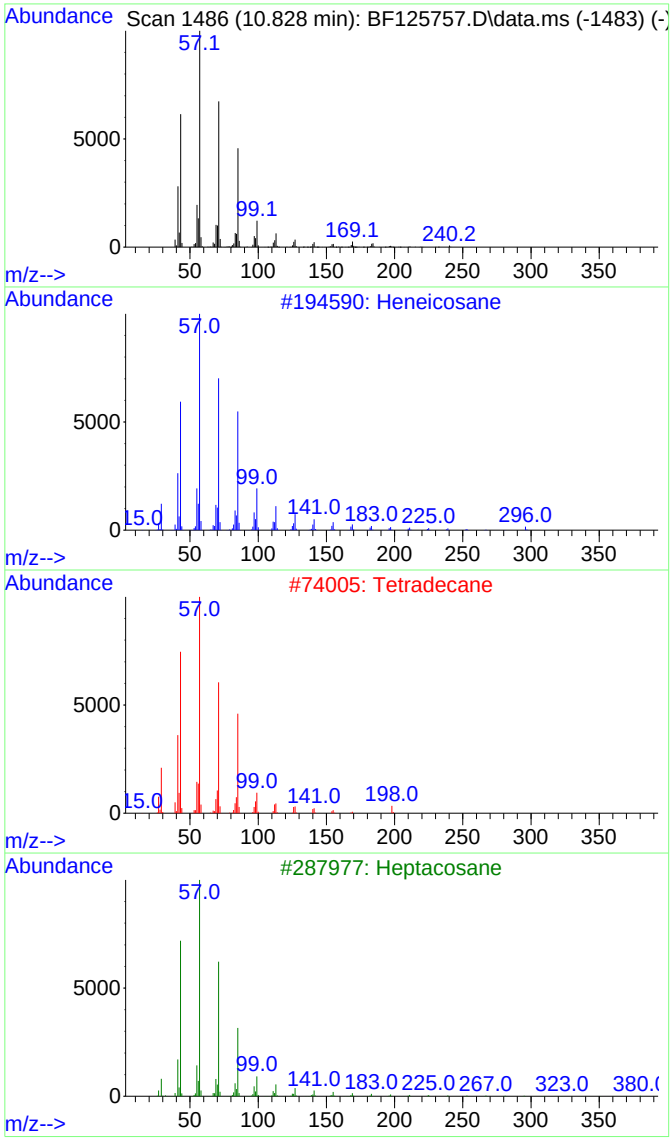
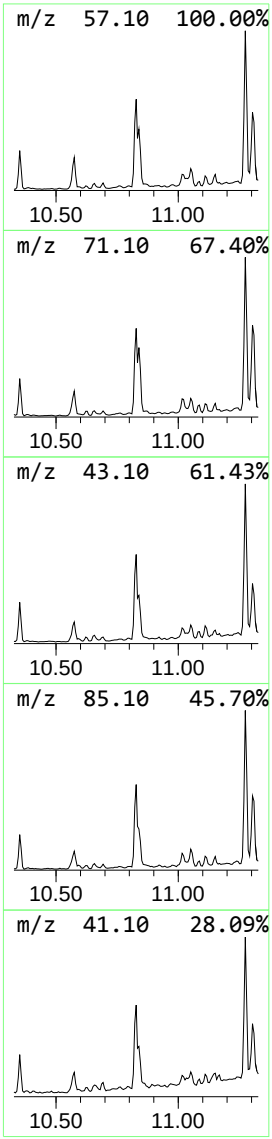
Peak Number 5 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.828	19.88 ng	1888900	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Heptacosane	380	C27H56	000593-49-7	90
4	Pentadecane	212	C15H32	000629-62-9	90
5	Hexadecane	226	C16H34	000544-76-3	90





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Acq On : 1 Oct 2021 17:43
Operator : JU/CG
Sample : M3998-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MIXED-DEBRIS-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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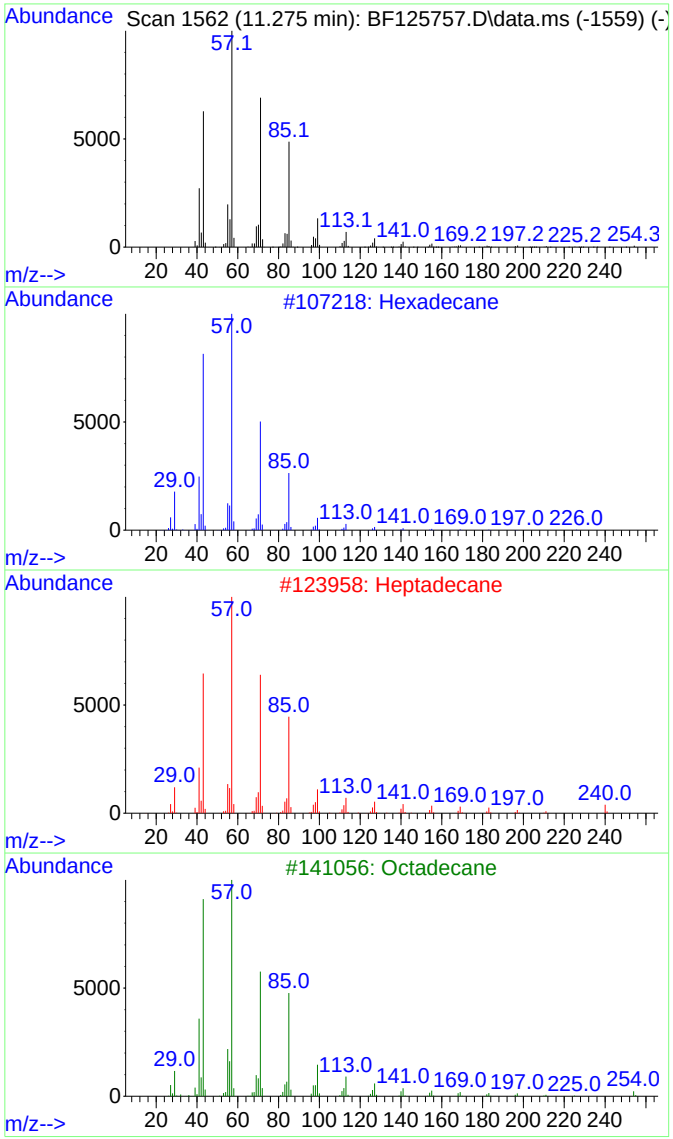
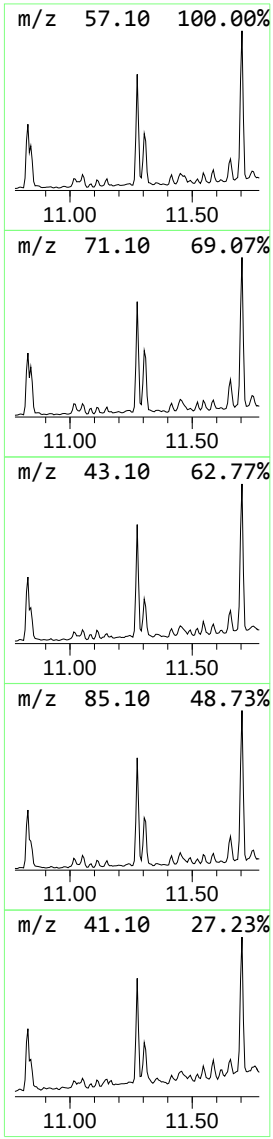
Peak Number 6 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.275	20.00 ng	1900260	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Heptadecane	240	C17H36	000629-78-7	90
3	Octadecane	254	C18H38	000593-45-3	90
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5	Heneicosane	296	C21H44	000629-94-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100121\
Data File : BF125757.D
Acq On : 1 Oct 2021 17:43
Operator : JU/CG
Sample : M3998-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MIXED-DEBRIS-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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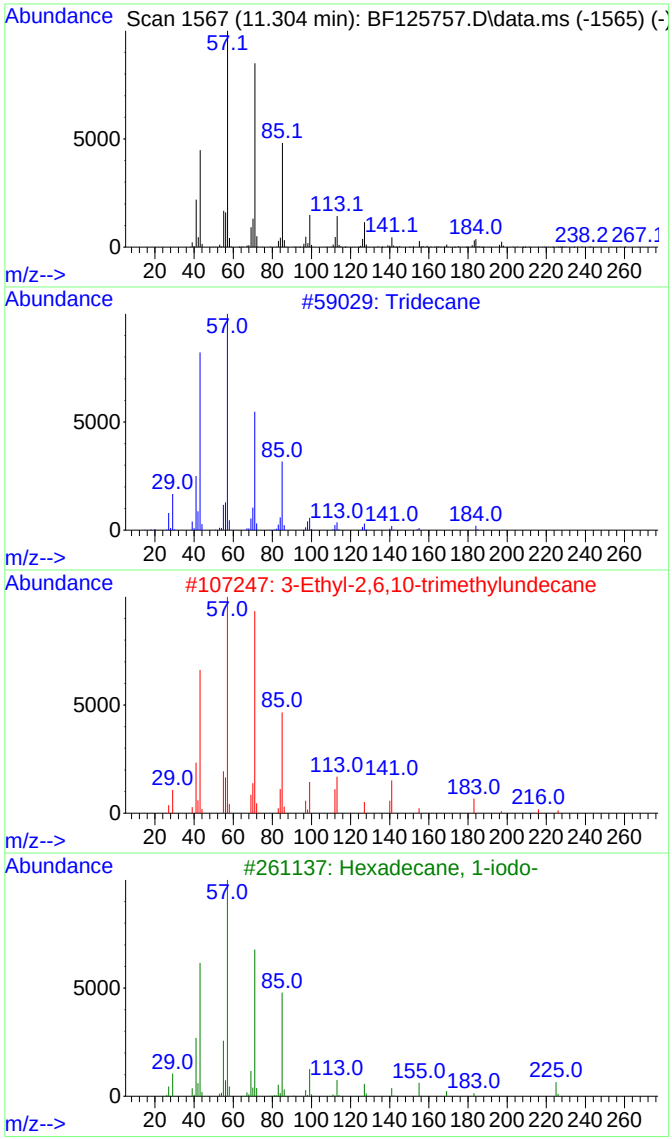
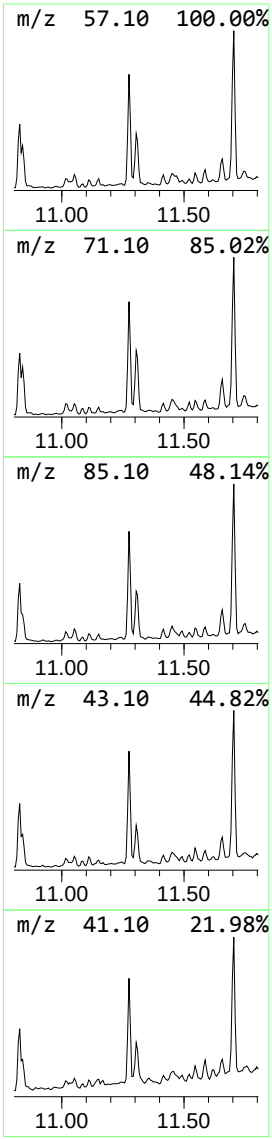
Peak Number 7 Tridecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.304	12.68 ng	1204730	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	80
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	78
4	Heptadecane	240	C17H36	000629-78-7	78
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	68





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Data File : BF125757.D
Acq On : 1 Oct 2021 17:43
Operator : JU/CG
Sample : M3998-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MIXED-DEBRIS-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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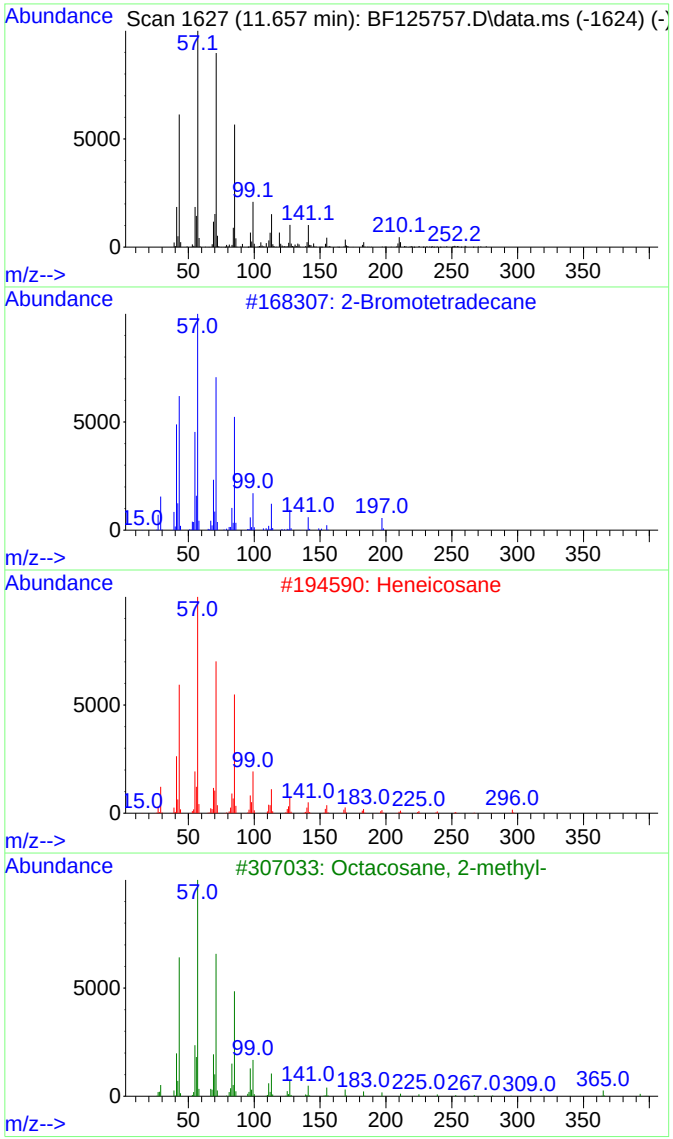
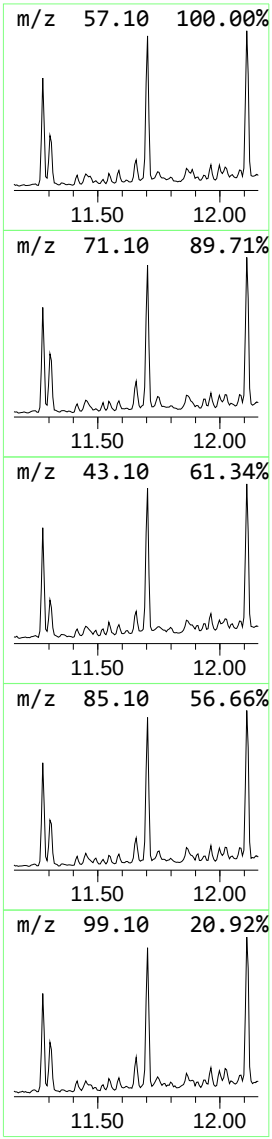
Peak Number 8 2-Bromotetradecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.657	6.19 ng	588615	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromotetradecane	276	C14H29Br	074036-95-6	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octacosane, 2-methyl-	408	C29H60	001560-98-1	90
4	Hexadecane	226	C16H34	000544-76-3	87
5	Octadecane	254	C18H38	000593-45-3	86





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Operator : JU/CG
Sample : M3998-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MIXED-DEBRIS-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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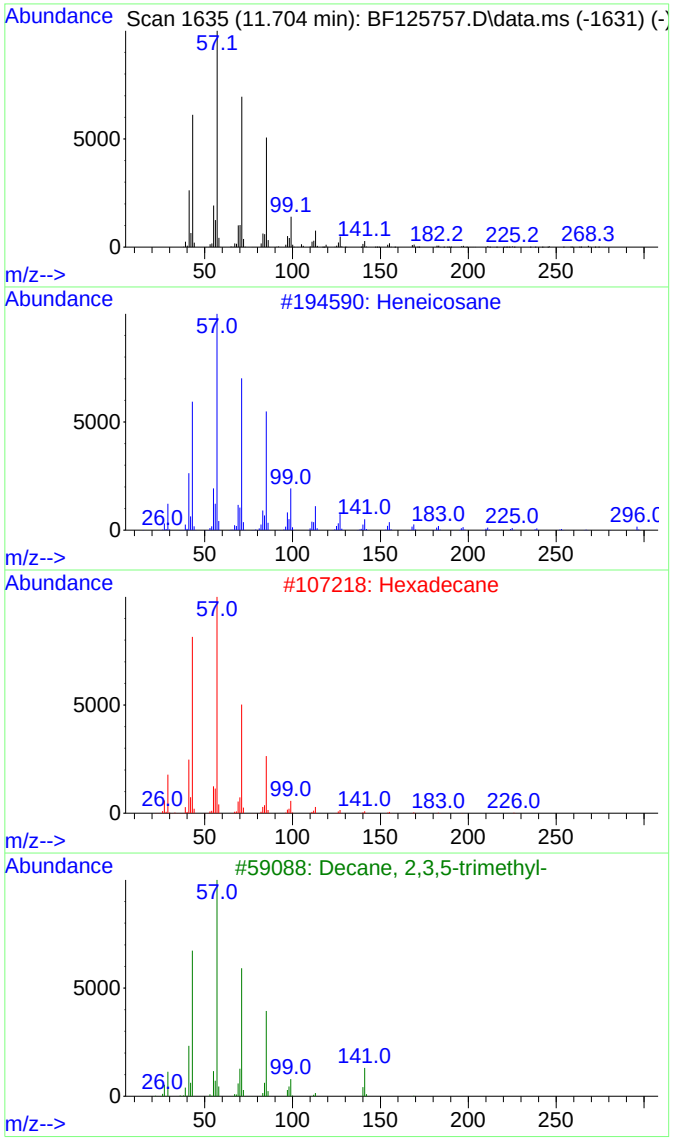
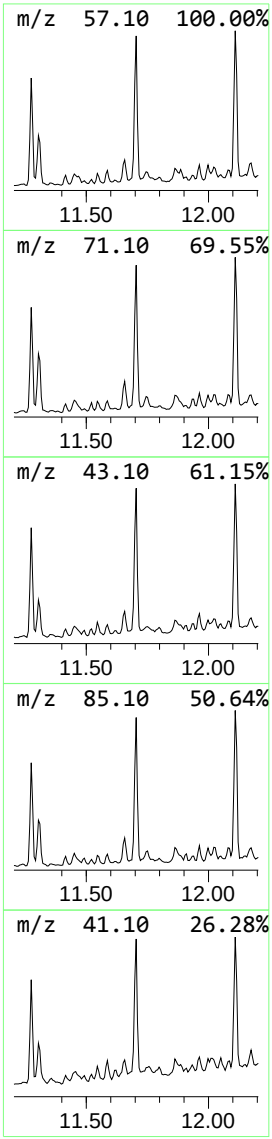
Peak Number 9 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.704	28.58 ng	2715370	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86





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Sample : M3998-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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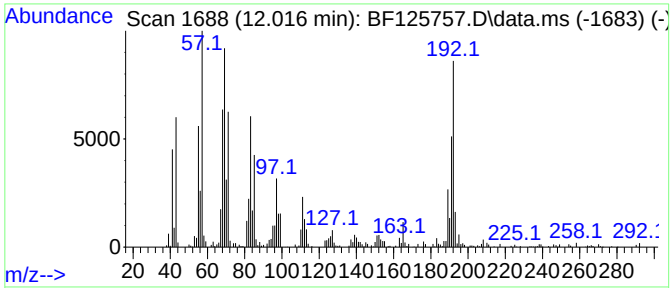
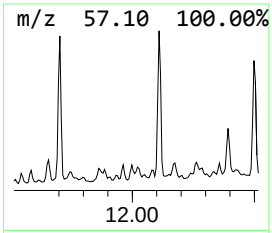
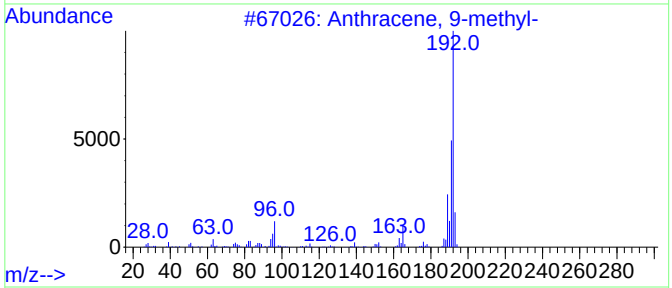
Peak Number 10 Anthracene, 9-methyl- Concentration Rank 14

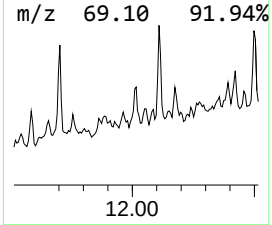
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.016	8.45 ng	803364	Phenanthrene-d10	11.404

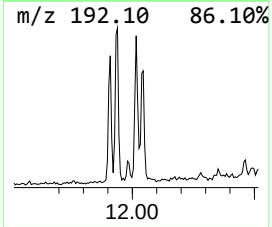
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
2	Cyclopentane, nonyl-	196	C14H28	002882-98-6	66
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	59
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	56
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	56

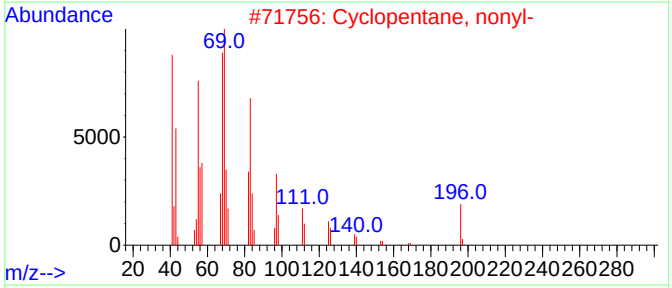


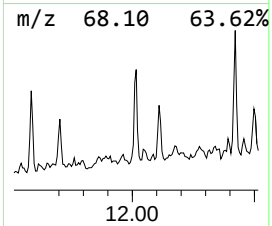


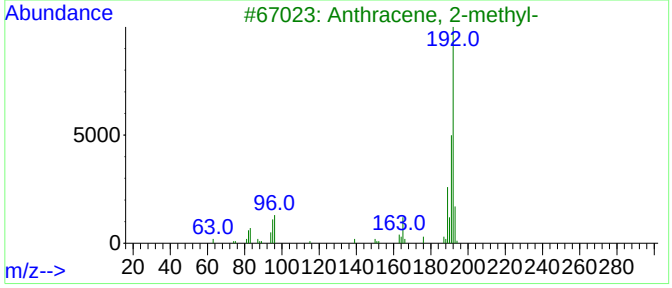


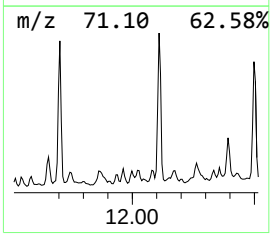












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Acq On : 1 Oct 2021 17:43
Operator : JU/CG
Sample : M3998-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MIXED-DEBRIS-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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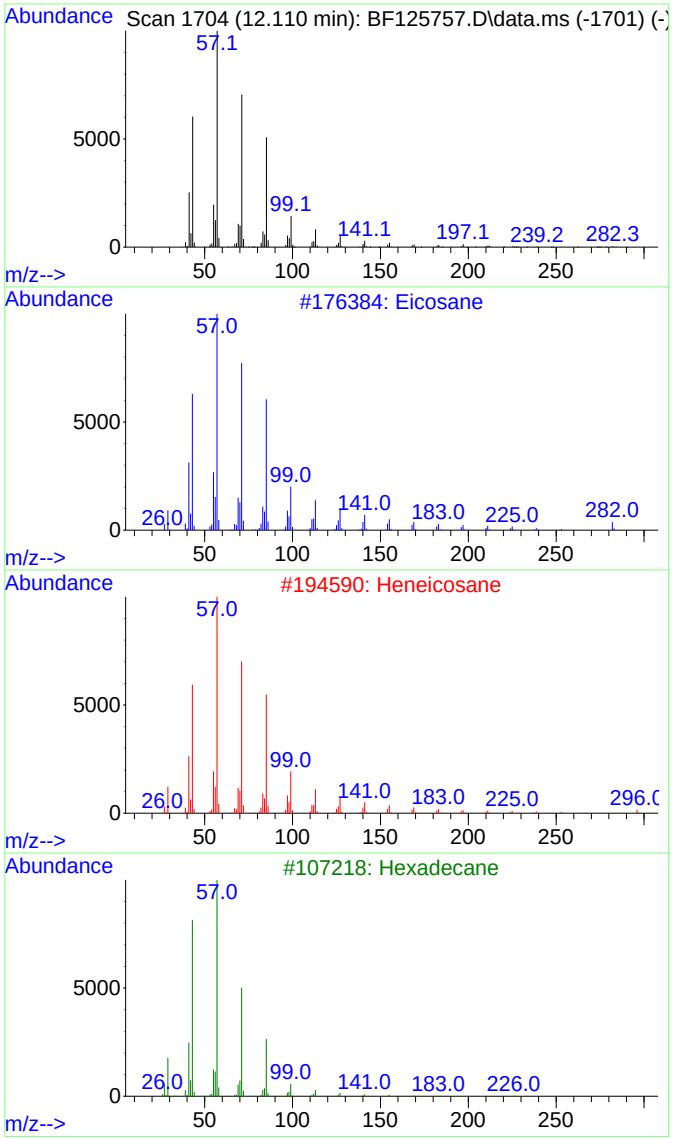
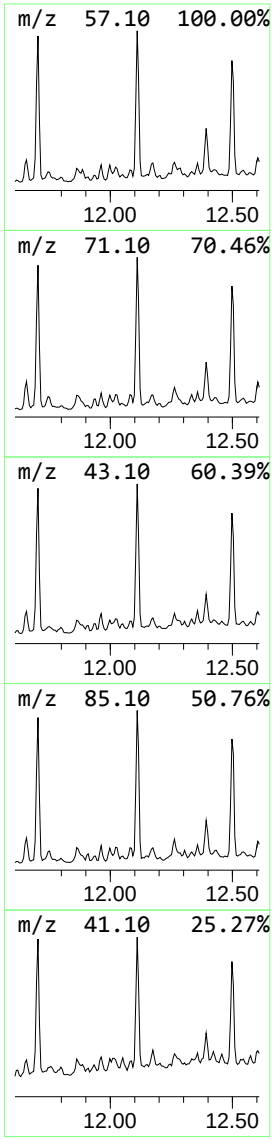
Peak Number 11 Eicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.110	29.41 ng	2795030	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	86





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Misc :
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Instrument : BNA_F
ClientSampleId : MIXED-DEBRIS-1

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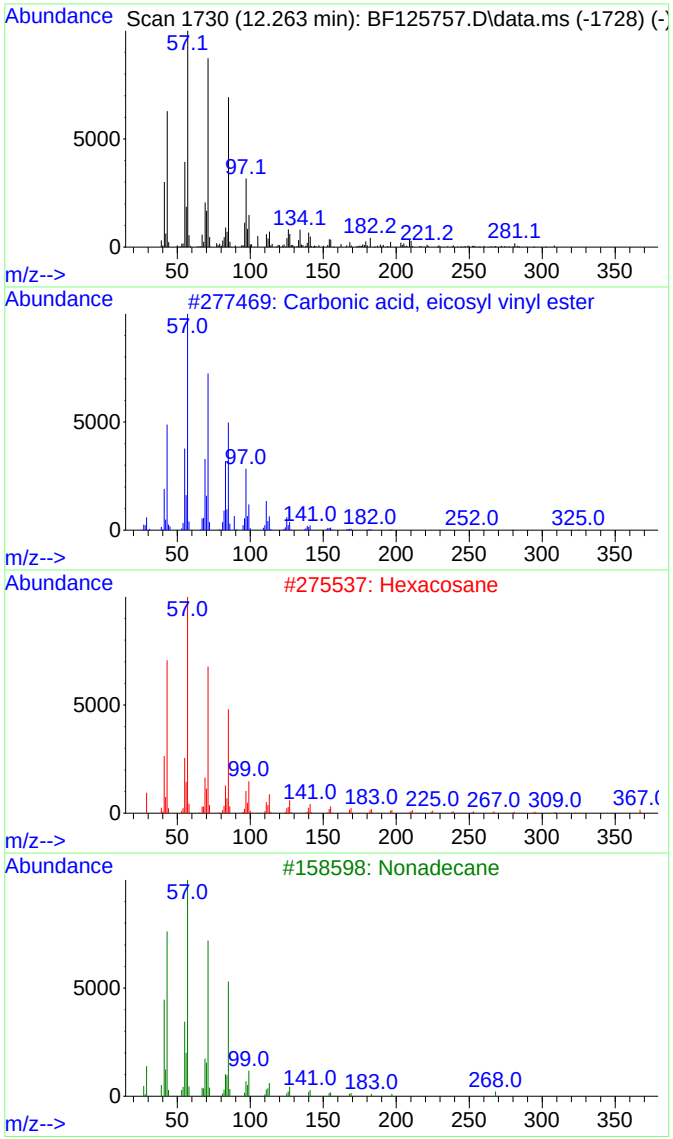
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

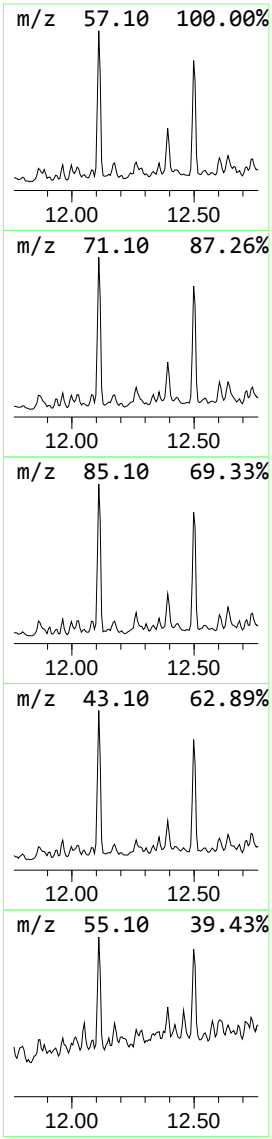
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Carbonic acid, eicosyl viny... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.263	6.54 ng	621357	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
2	Hexacosane	366	C26H54	000630-01-3	80
3	Nonadecane	268	C19H40	000629-92-5	72
4	10-Methylnonadecane	282	C20H42	056862-62-5	72
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	72





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Instrument :
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ClientSampleId :
MIXED-DEBRIS-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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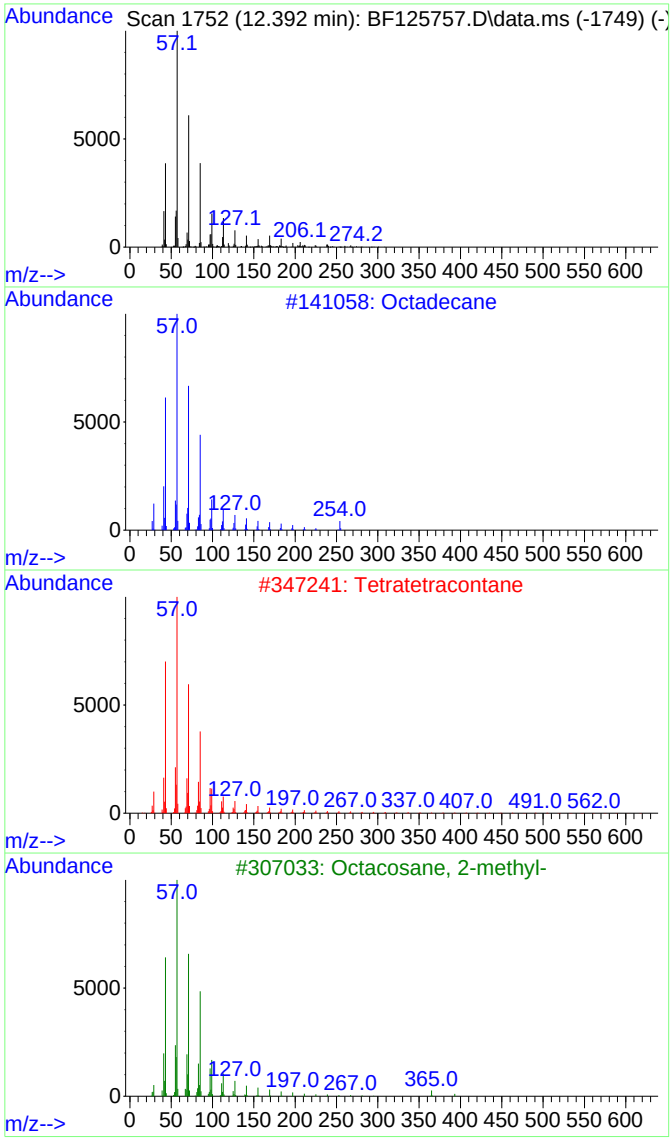
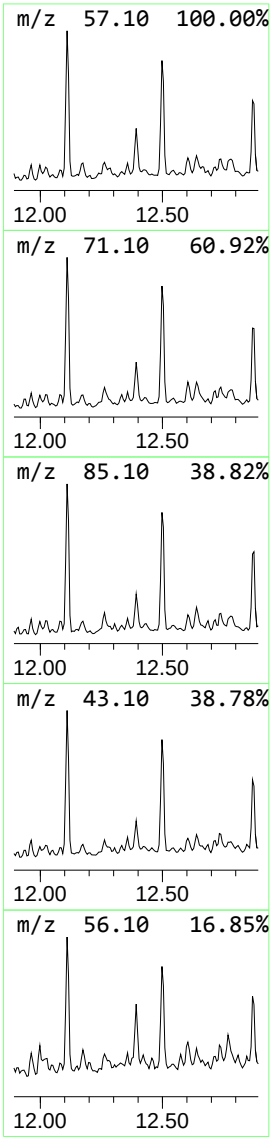
Peak Number 13 Octadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.392	8.66 ng	823228	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Tetratetracontane	619	C44H90	007098-22-8	90
3	Octacosane, 2-methyl-	408	C29H60	001560-98-1	90
4	Docosane	310	C22H46	000629-97-0	90
5	Tetradecane, 3-methyl-	212	C15H32	018435-22-8	87





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Sample : M3998-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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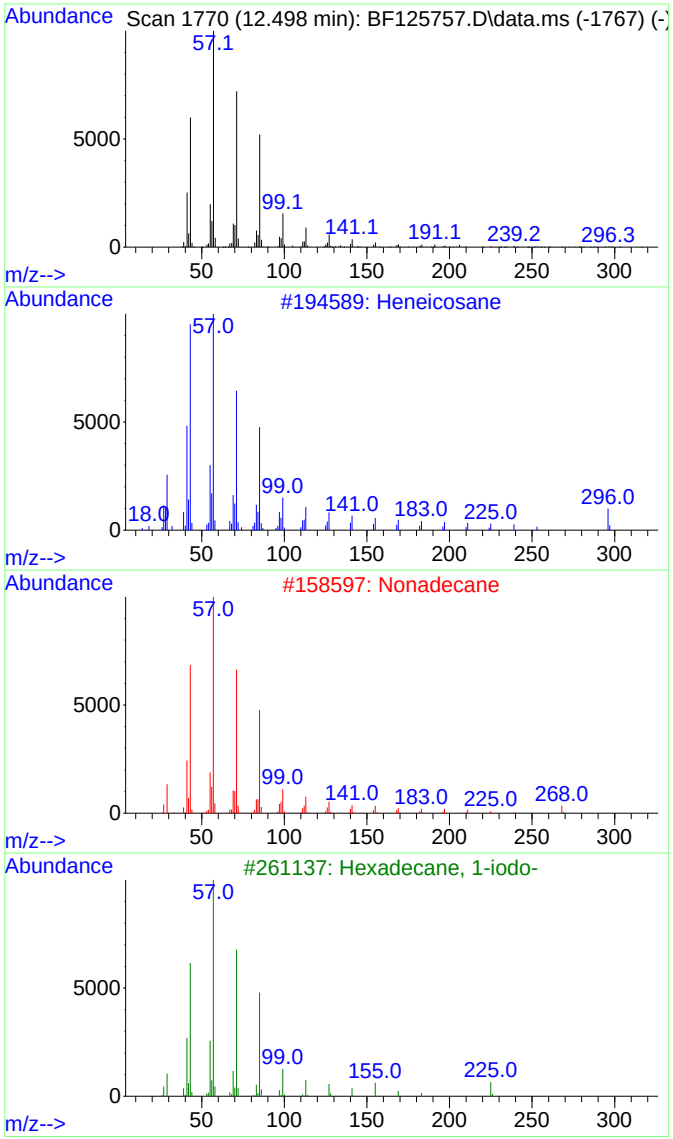
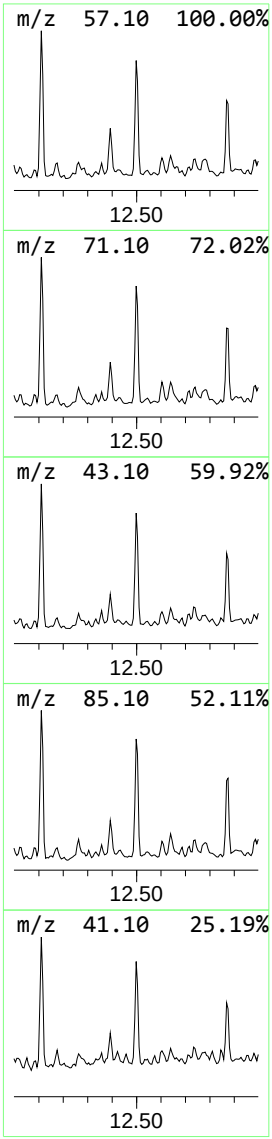
Peak Number 14 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.498	27.69 ng	2630750	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Nonadecane	268	C19H40	000629-92-5	91
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	91
4	Eicosane	282	C20H42	000112-95-8	90
5	Tetracosane	338	C24H50	000646-31-1	90





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

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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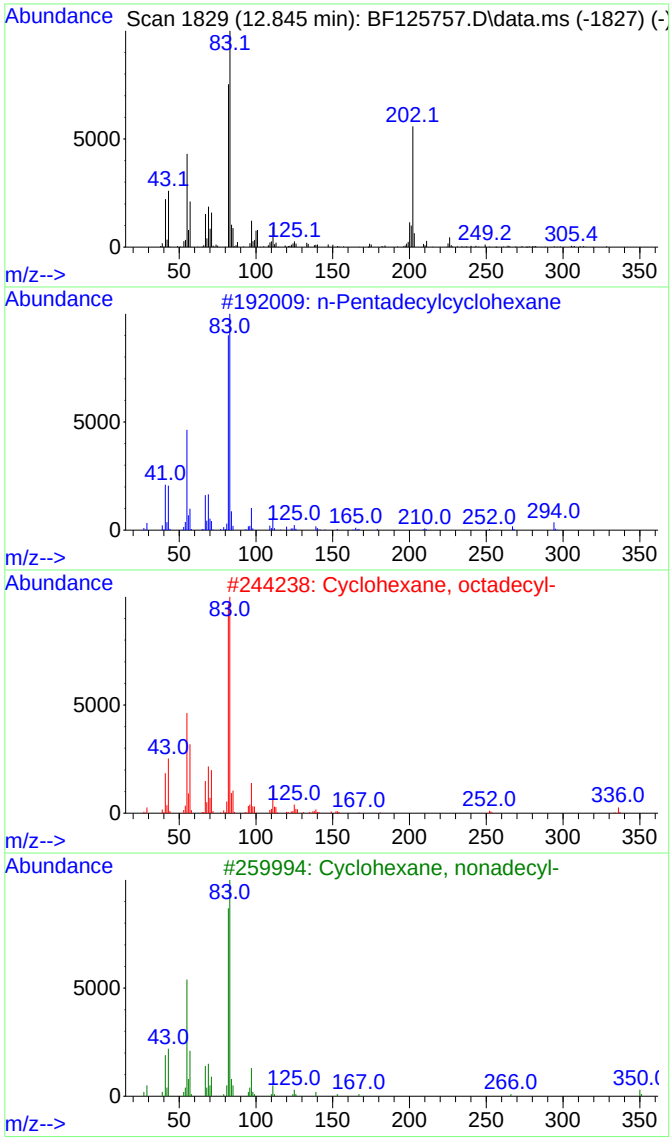
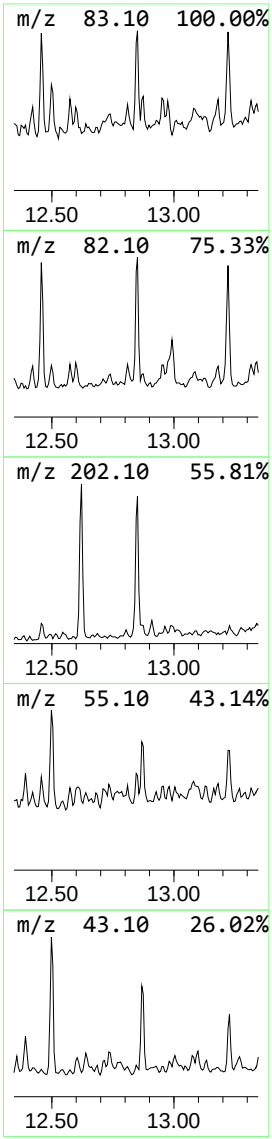
Peak Number 15 n-Pentadecylcyclohexane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.845	7.37 ng	418566	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Pentadecylcyclohexane	294	C21H42	006006-95-7	70
2	Cyclohexane, octadecyl-	336	C24H48	004445-06-1	62
3	Cyclohexane, nonadecyl-	350	C25H50	022349-03-7	58
4	Cyclohexane, hexadecyl-	308	C22H44	006812-38-0	58
5	Dodecylcyclohexane	252	C18H36	001795-17-1	58





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ClientSampleId :
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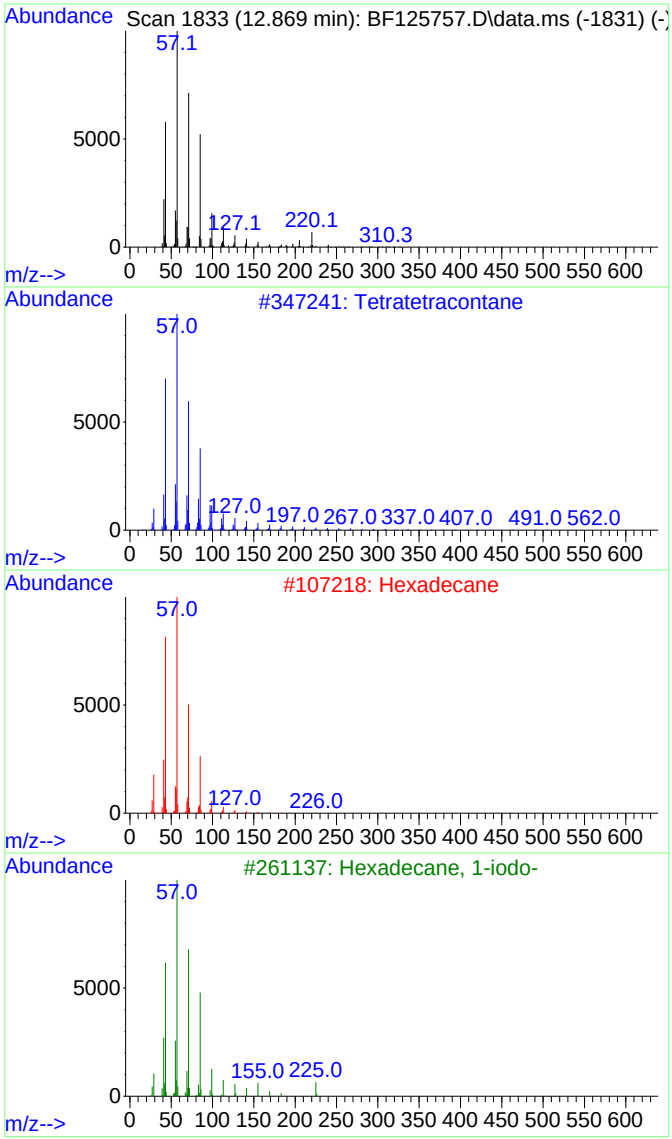
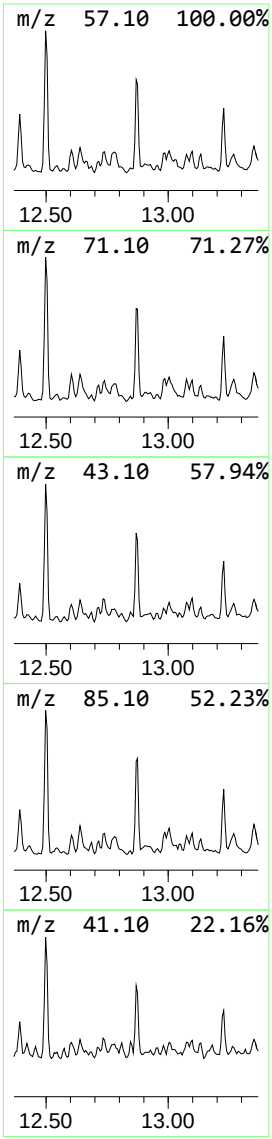
Peak Number 16 Tetratetracontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.869	27.56 ng	1564350	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	90
2	Hexadecane	226	C16H34	000544-76-3	86
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	86
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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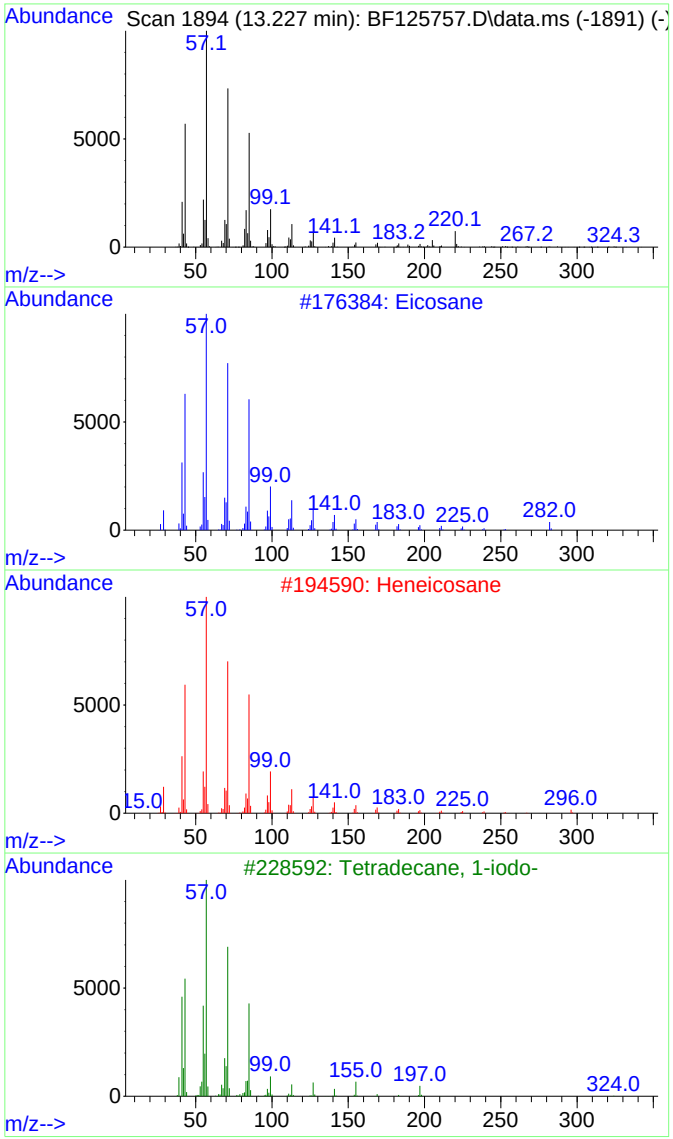
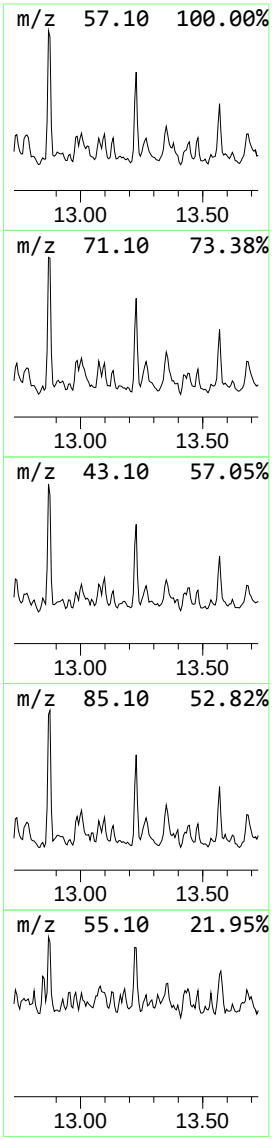
Peak Number 17 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.227	18.34 ng	1041030	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	90
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
5	Pentacosane	352	C25H52	000629-99-2	90





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MIXED-DEBRIS-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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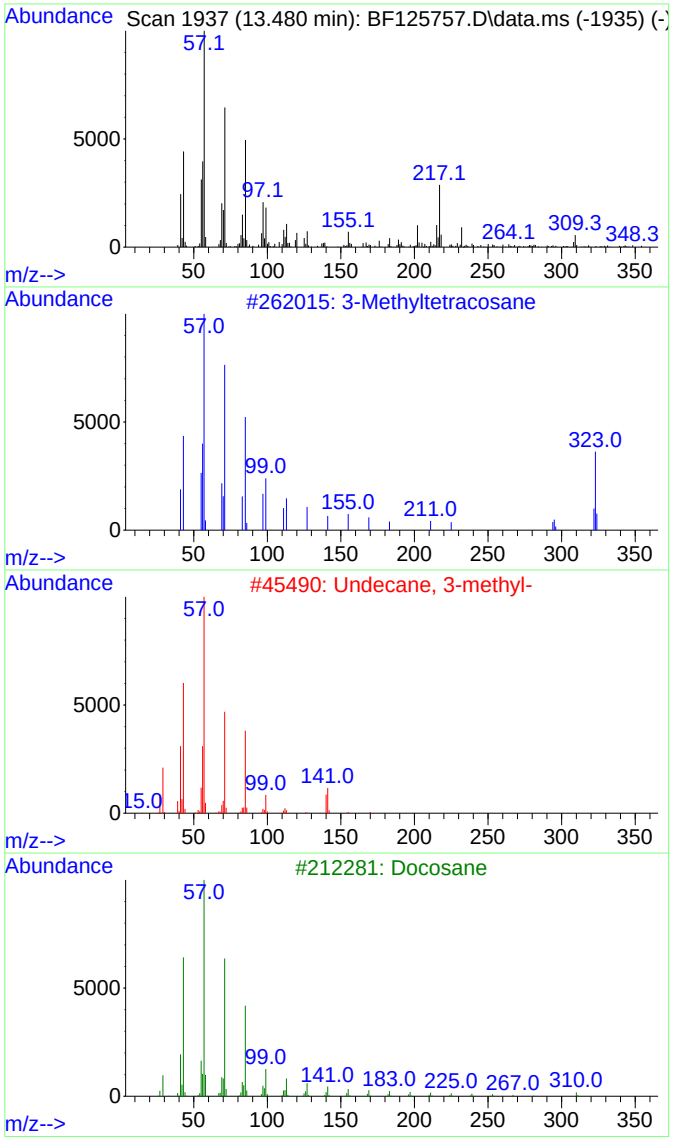
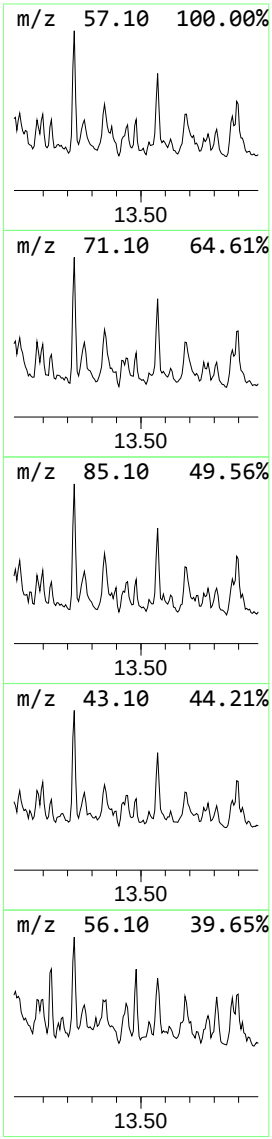
Peak Number 18 3-Methyltetracosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.480	6.02 ng	341916	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyltetracosane	352	C25H52	065820-52-2	52
2	Undecane, 3-methyl-	170	C12H26	001002-43-3	49
3	Docosane	310	C22H46	000629-97-0	46
4	Heneicosane	296	C21H44	000629-94-7	46
5	Hentriacontane	437	C31H64	000630-04-6	45





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Acq On : 1 Oct 2021 17:43
Operator : JU/CG
Sample : M3998-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MIXED-DEBRIS-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

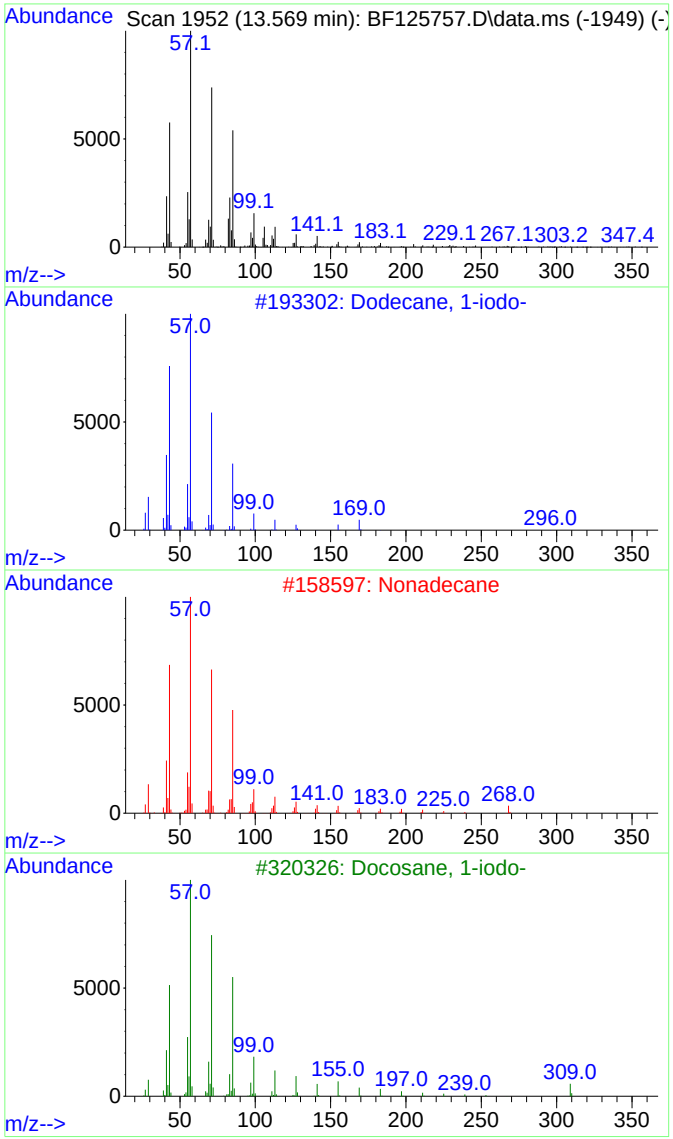
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

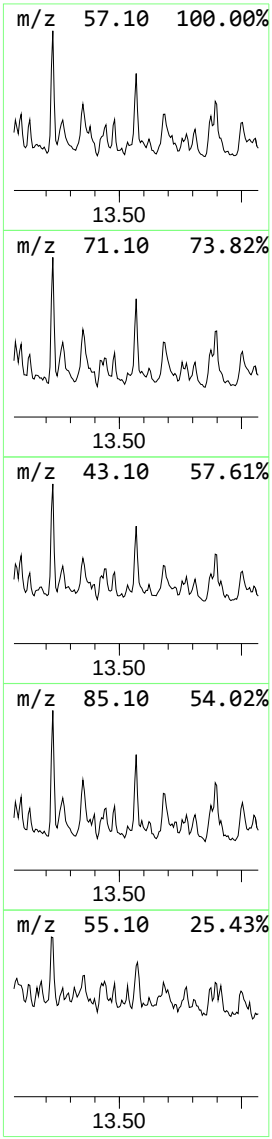
****

Peak Number 19 Dodecane, 1-iodo- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.569	14.33 ng	813494	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	81
2	Nonadecane	268	C19H40	000629-92-5	80
3	Docosane, 1-iodo-	436	C22H45I	1000406-31-9	80
4	Hexadecane	226	C16H34	000544-76-3	80
5	Heptacosane	380	C27H56	000593-49-7	76





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Data File : BF125757.D
Acq On : 1 Oct 2021 17:43
Operator : JU/CG
Sample : M3998-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MIXED-DEBRIS-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

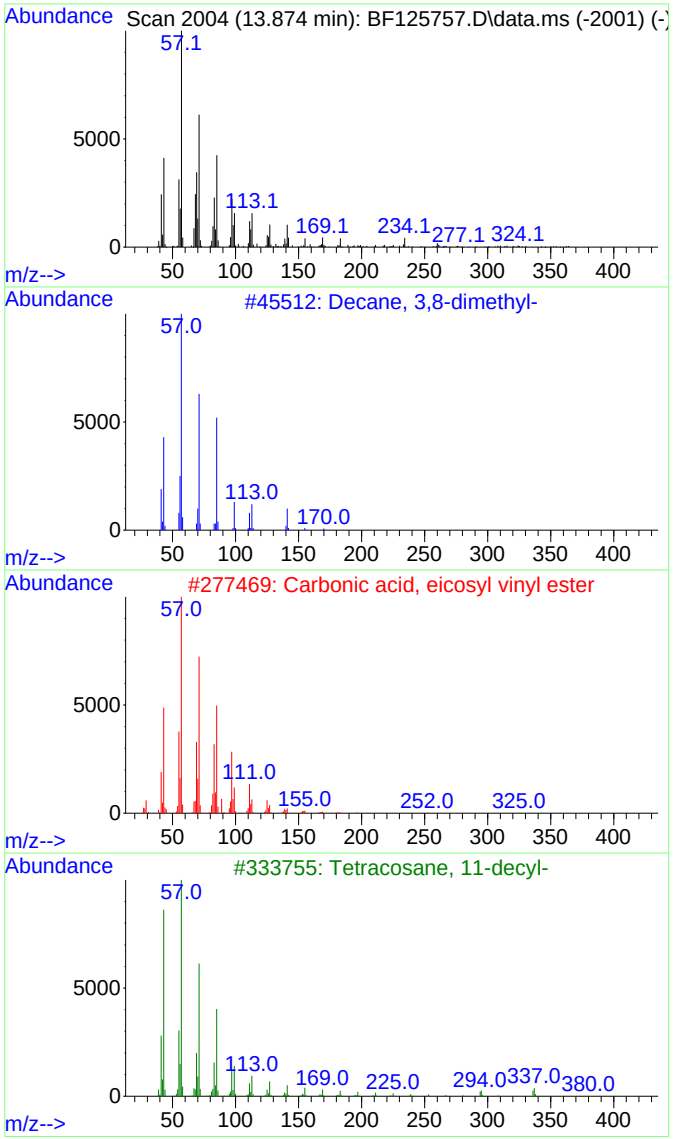
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

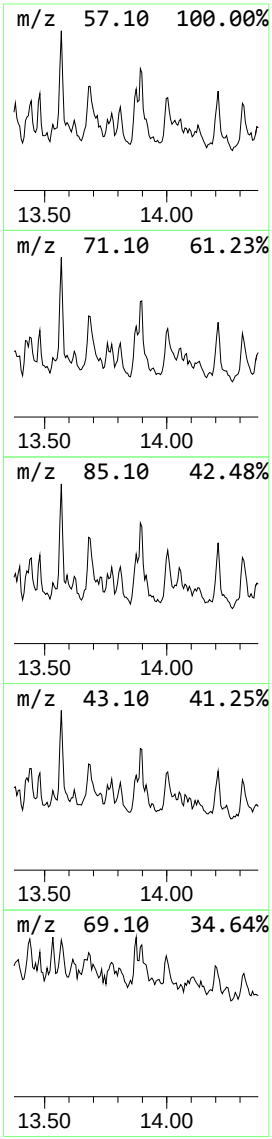
****

Peak Number 20 Decane, 3,8-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	8.22 ng	466680	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	93
2	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	83
3	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	80
4	Pentacosane, 13-undecyl-	507	C36H74	055517-89-0	80
5	Tricosane	324	C23H48	000638-67-5	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100121\
Data File : BF125757.D
Acq On : 1 Oct 2021 17:43
Operator : JU/CG
Sample : M3998-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MIXED-DEBRIS-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.181	28.7	ng	1844470	1	6.887	1284390	20.0
3-Penten-2-one,...	4.516	130.1	ng	8357850	1	6.887	1284390	20.0
2-Pentanone, 4-...	5.122	76.0	ng	4879430	1	6.887	1284390	20.0
Hexadecane	10.575	5.5	ng	510492	3	9.922	1868410	20.0
Heneicosane	10.828	19.9	ng	1888900	4	11.404	1900410	20.0
Hexadecane	11.275	20.0	ng	1900260	4	11.404	1900410	20.0
Tridecane	11.304	12.7	ng	1204730	4	11.404	1900410	20.0
2-Bromotetradecane	11.657	6.2	ng	588615	4	11.404	1900410	20.0
Heneicosane	11.704	28.6	ng	2715370	4	11.404	1900410	20.0
Anthracene, 9-m...	12.016	8.5	ng	803364	4	11.404	1900410	20.0
Eicosane	12.110	29.4	ng	2795030	4	11.404	1900410	20.0
Carbonic acid, ...	12.263	6.5	ng	621357	4	11.404	1900410	20.0
Octadecane	12.392	8.7	ng	823228	4	11.404	1900410	20.0
Heneicosane	12.498	27.7	ng	2630750	4	11.404	1900410	20.0
n-Pentadecylcyc...	12.845	7.4	ng	418566	5	14.045	1135240	20.0
Tetratetracontane	12.869	27.6	ng	1564350	5	14.045	1135240	20.0
Eicosane	13.227	18.3	ng	1041030	5	14.045	1135240	20.0
3-Methyltetraco...	13.480	6.0	ng	341916	5	14.045	1135240	20.0
Dodecane, 1-iodo-	13.569	14.3	ng	813494	5	14.045	1135240	20.0
Decane, 3,8-dim...	13.874	8.2	ng	466680	5	14.045	1135240	20.0