LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
Data File : BF108467.D
Acq On : 24 Aug 2018 17:06
Operator : JU/SJ
Sample : J4581-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q3-A2

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-BF080818.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	2.372	3	6	20	rVB	866391	1127417	32.84%	3.047%
2	5.248	492	495	504	rVB	119860	160572	4.68%	0.434%
3	5.631	555	560	563	rBV	3030742	2877445	83.82%	7.776%
4	6.625	723	729	741	rVB	3010443	3196159	93.10%	8.637%
5	6.772	749	754	757	rBV	3338290	3103815	90.41%	8.387%
6	7.001	789	793	796	rBV	1000973	870900	25.37%	2.353%
7	7.154	815	819	823	rBV	2421122	2215936	64.55%	5.988%
8	7.560	883	888	891	rBV	1975578	2045911	59.60%	5.529%
9	8.283	1006	1011	1014	rBV	1335175	1147012	33.41%	3.100%
10	9.354	1188	1193	1197	rBV	3396843	3432867	100.00%	9.277%
11	9.748	1255	1260	1263	rBV	1001744	804579	23.44%	2.174%
12	10.042	1305	1310	1314	rBV	1345700	1368495	39.86%	3.698%
13	10.842	1440	1446	1457	rBV	2381912	2552525	74.36%	6.898%
14	11.542	1560	1565	1567	rBV	1621341	1434224	41.78%	3.876%
15	11.566	1567	1569	1572	rVB	352487	282452	8.23%	0.763%
16	11.613	1572	1577	1581	rBV	69443	74032	2.16%	0.200%
17	11.871	1618	1621	1626	rBV	30468	37160	1.08%	0.100%
18	12.042	1646	1650	1653	rBV	348301	355533	10.36%	0.961%
19	12.071	1653	1655	1660	rVB2	105909	108662	3.17%	0.294%
20	12.154	1666	1669	1672	rBV2	80005	97783	2.85%	0.264%
21	12.336	1696	1700	1703	rBV	47526	42877	1.25%	0.116%
22	12.595	1741	1744	1747	rBV2	50212	64620	1.88%	0.175%
23	12.683	1756	1759	1761	rBV2	35574	37910	1.10%	0.102%
24	12.760	1768	1772	1776	rBV	536361	464374	13.53%	1.255%
25	12.830	1780	1784	1786	rBV3	46054	52936	1.54%	0.143%
26	12.995	1805	1812	1817	rBV	434822	544571	15.86%	1.472%
27	13.130	1830	1835	1838	rBV	3694888	3406576	99.23%	9.206%
28	13.207	1844	1848	1852	rBV3	33881	57478	1.67%	0.155%
29	13.318	1865	1867	1873	rVB2	60684	82007	2.39%	0.222%
30	13.424	1881	1885	1888	rBV2	47450	49304	1.44%	0.133%
31	13.589	1909	1913	1917	rVB5	27452	37162	1.08%	0.100%
32	13.677	1924	1928	1930	rBV2	68612	71473	2.08%	0.193%
33	13.830	1951	1954	1958	rVB	46835	50150	1.46%	0.136%
34	13.942	1968	1973	1975	rBV2	39078	49447	1.44%	0.134%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
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Acq On : 24 Aug 2018 17:06
Operator : JU/SJ
Sample : J4581-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q3-A2

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-BF080818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.007	1980	1984	1987	rBV2	102613	102690	2.99%	0.277%
36	14.195	2011	2016	2019	rBV2	1186321	1245699	36.29%	3.366%
37	14.218	2019	2020	2028	rVB	201988	149235	4.35%	0.403%
38	14.324	2035	2038	2040	rVB	89383	77738	2.26%	0.210%
39	14.630	2087	2090	2094	rVB	120611	108189	3.15%	0.292%
40	14.954	2140	2145	2149	rVB2	172081	239595	6.98%	0.647%
41	15.036	2156	2159	2163	rVB	297053	314145	9.15%	0.849%
42	15.283	2196	2201	2204	rBV	116859	192810	5.62%	0.521%
43	15.318	2204	2207	2212	rVB2	187775	232109	6.76%	0.627%
44	15.612	2253	2257	2264	rVB	74875	119614	3.48%	0.323%
45	15.677	2264	2268	2272	rBV	98494	137912	4.02%	0.373%
46	15.754	2272	2281	2293	rVB2	617974	1125900	32.80%	3.043%
47	16.201	2352	2357	2365	rVB	174586	278386	8.11%	0.752%
48	16.753	2446	2451	2463	rVB2	97221	214783	6.26%	0.580%
49	17.353	2548	2553	2558	rBV2	45196	100076	2.92%	0.270%
50	17.853	2633	2638	2644	rVB	30780	62389	1.82%	0.169%

Sum of corrected areas: 37005634

LSC Report - Integrated Chromatogram

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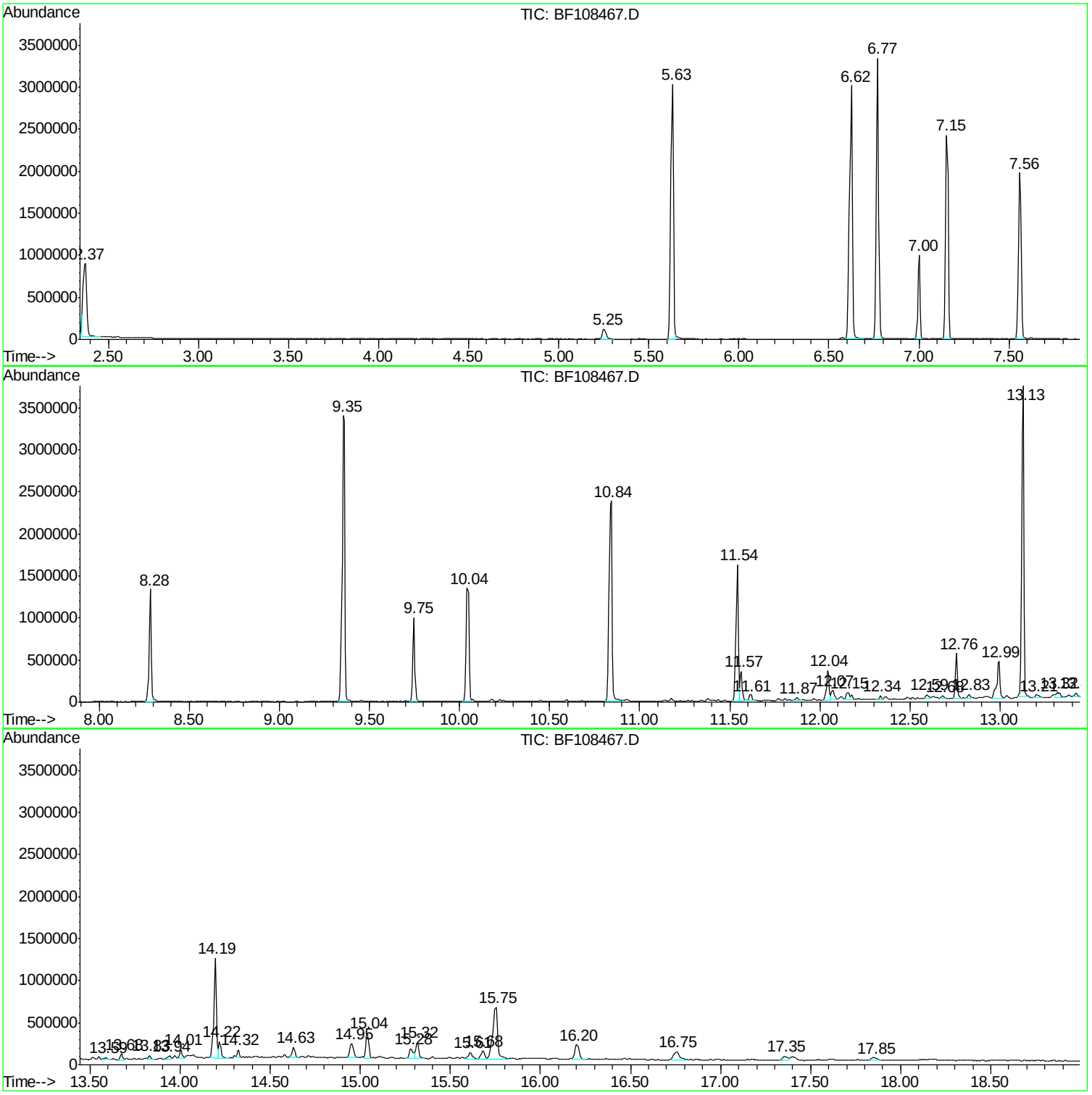
Operator : JU/SJ
Sample : J4581-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q3-A2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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\BF082418\
Data File : BF108467.D
Acq On : 24 Aug 2018 17:06
Operator : JU/SJ
Sample : J4581-02
Misc :
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Instrument : BNA_F
ClientSampleId : EP1-Q3-A2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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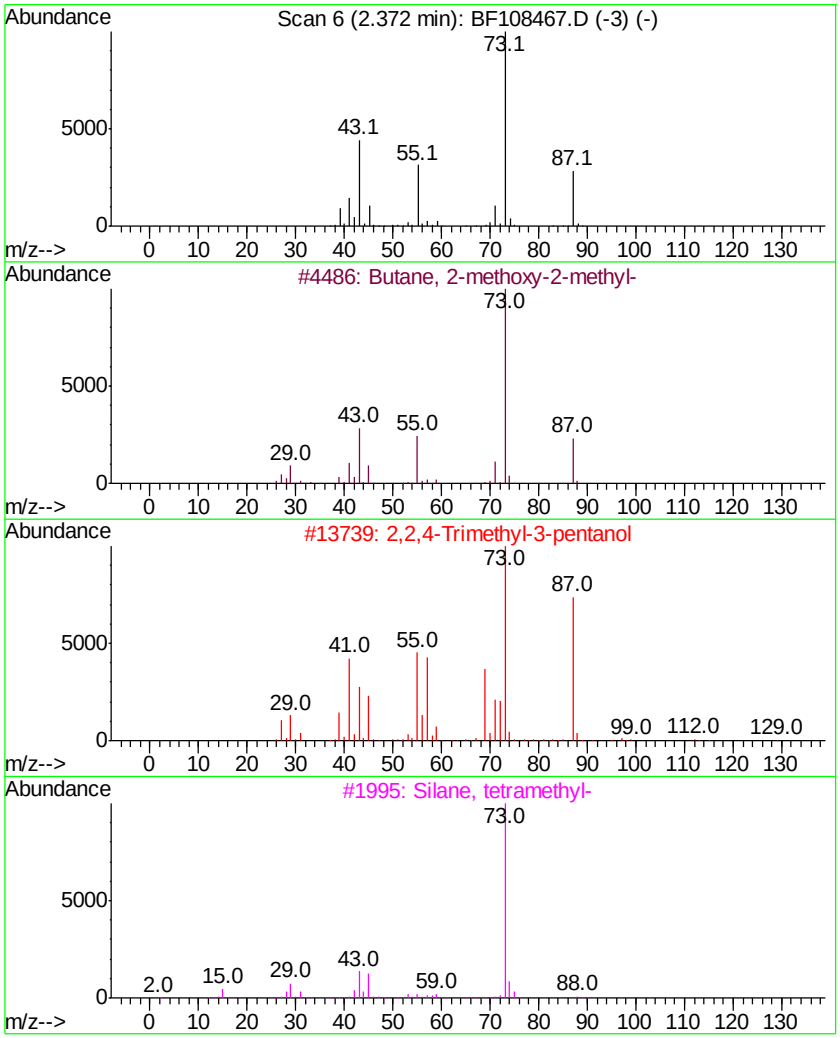
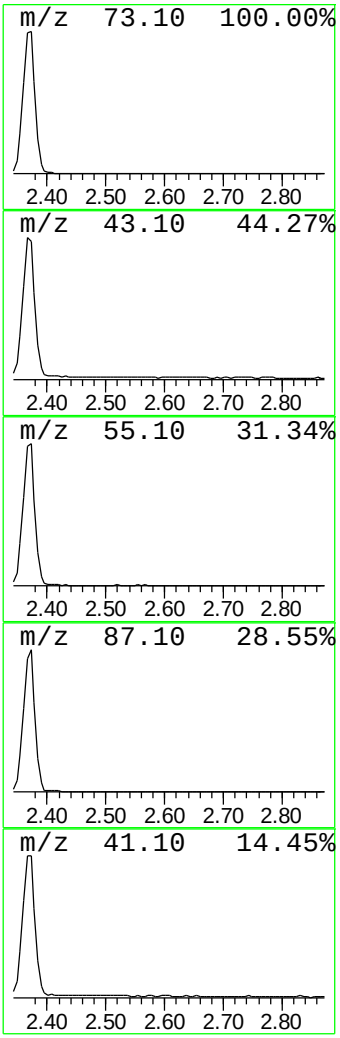
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.37	25.89 ng	1127420	1,4-Dichlorobenzene-d4	7.00

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	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	32





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
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Operator : JU/SJ
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q3-A2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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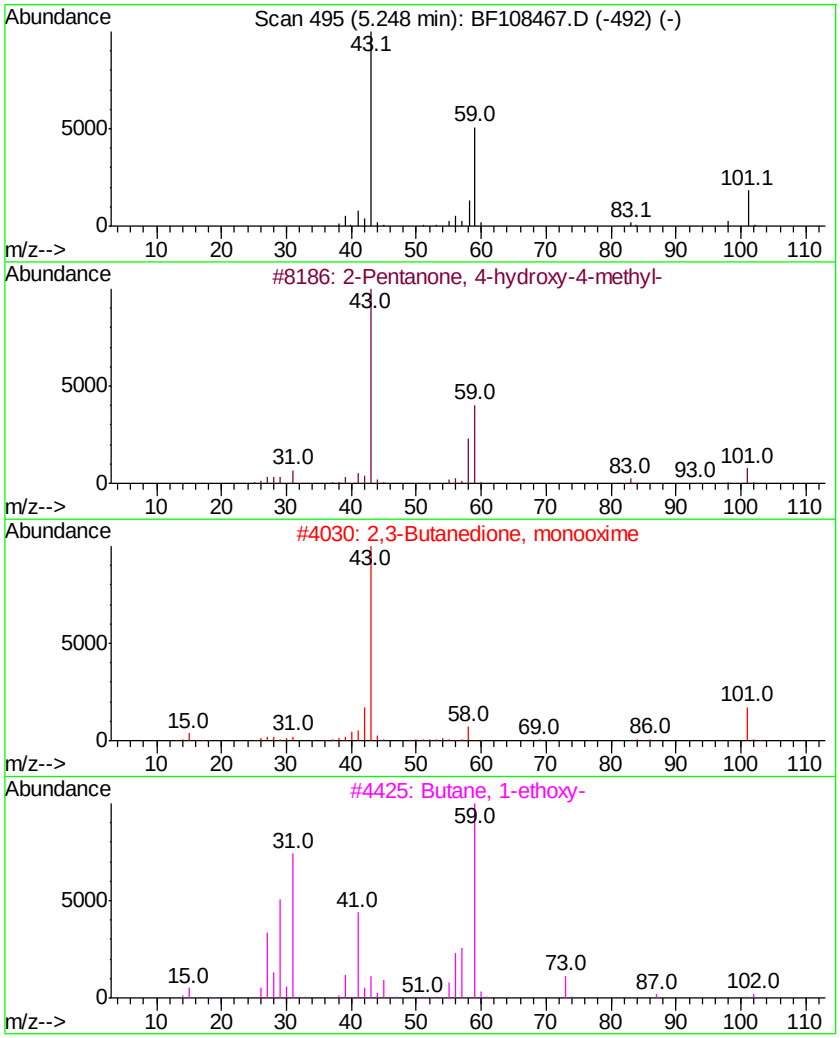
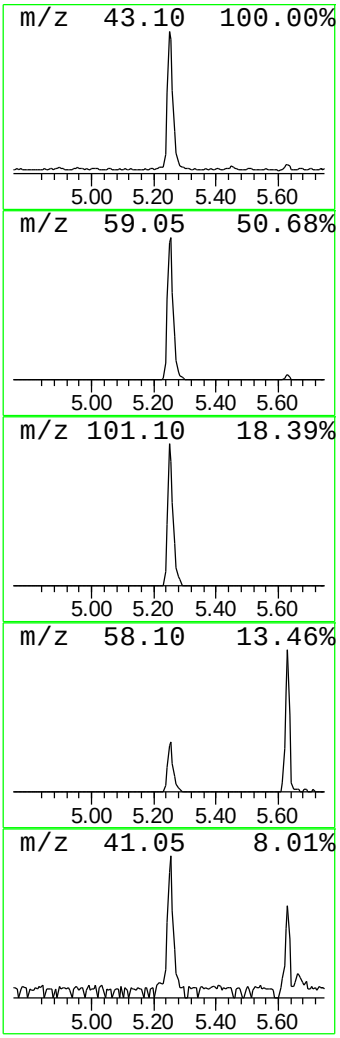
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.25	3.69 ng	160572	1,4-Dichlorobenzene-d4	7.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9
5	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
Data File : BF108467.D
Acq On : 24 Aug 2018 17:06
Operator : JU/SJ
Sample : J4581-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q3-A2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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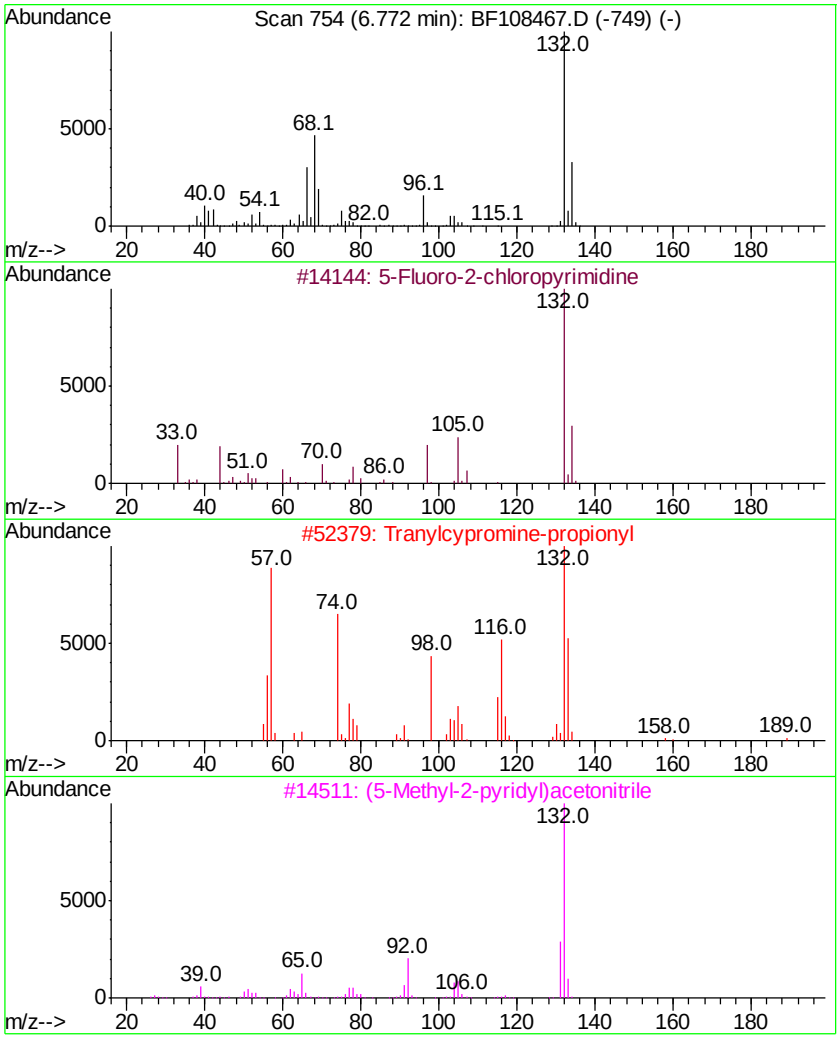
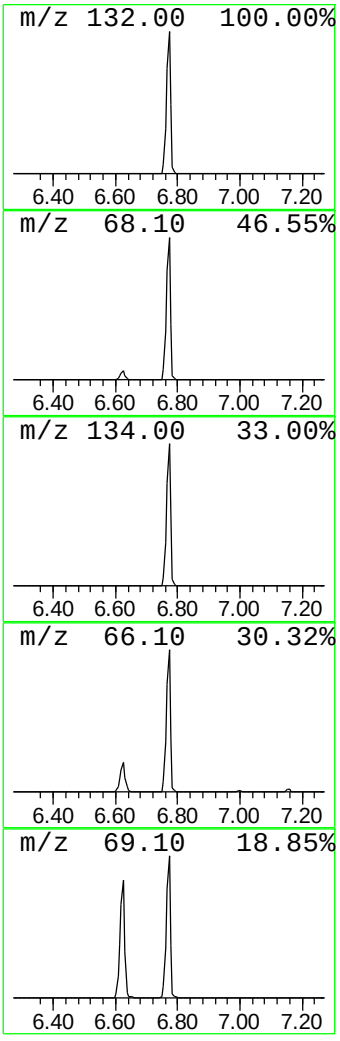
Peak Number 3 unknown6.77 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	71.28 ng	3103820	1,4-Dichlorobenzene-d4	7.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
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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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
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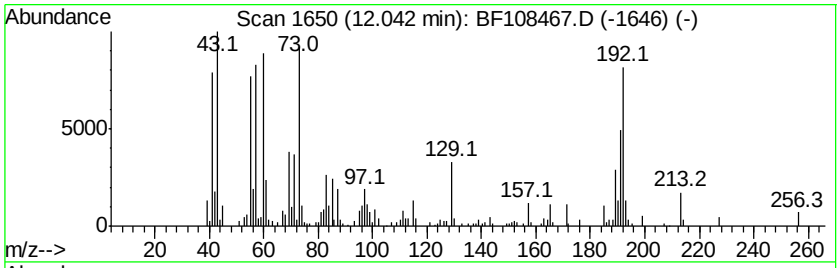
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

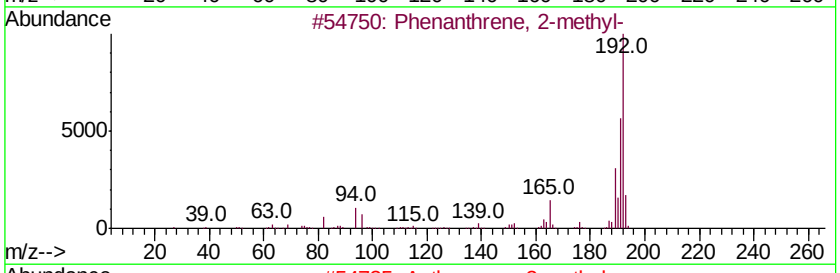
****

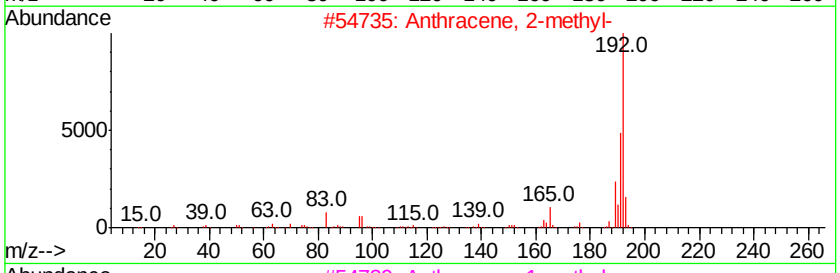
Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 5

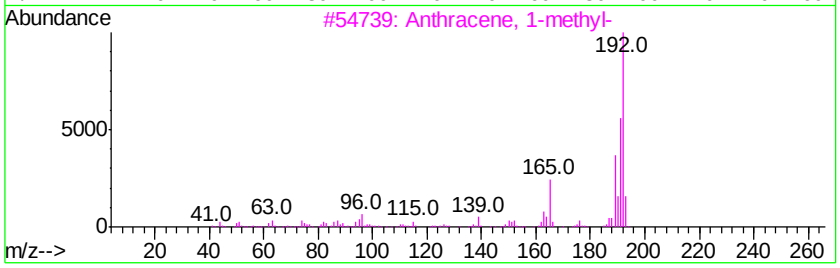
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	4.96 ng	355533	Phenanthrene-d10	11.54

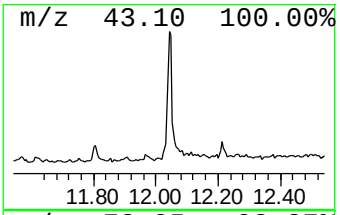
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	78

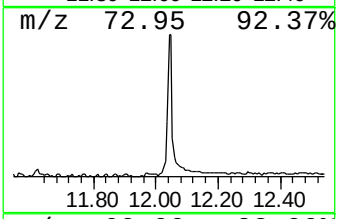


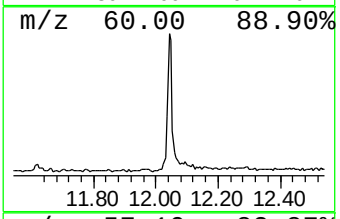


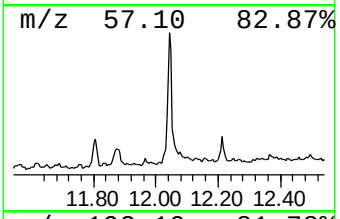


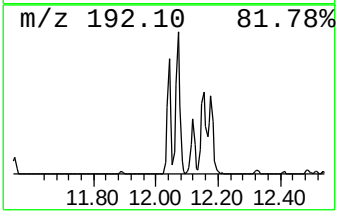












Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : EP1-Q3-A2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

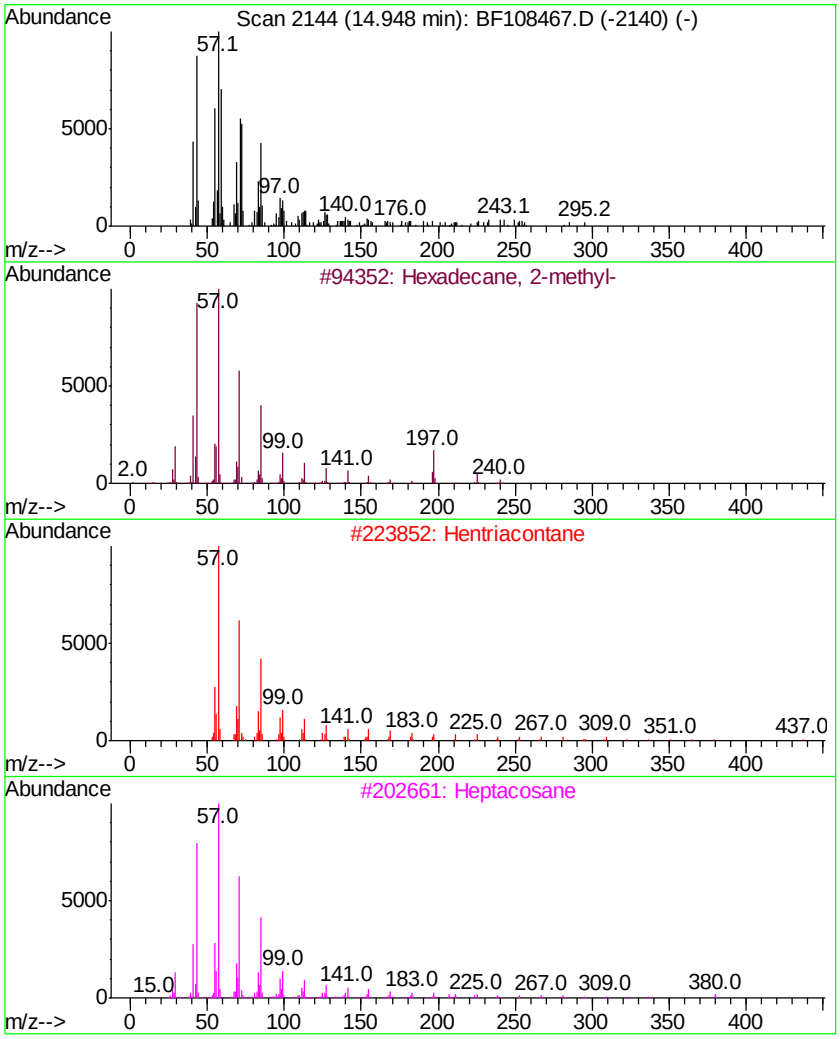
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

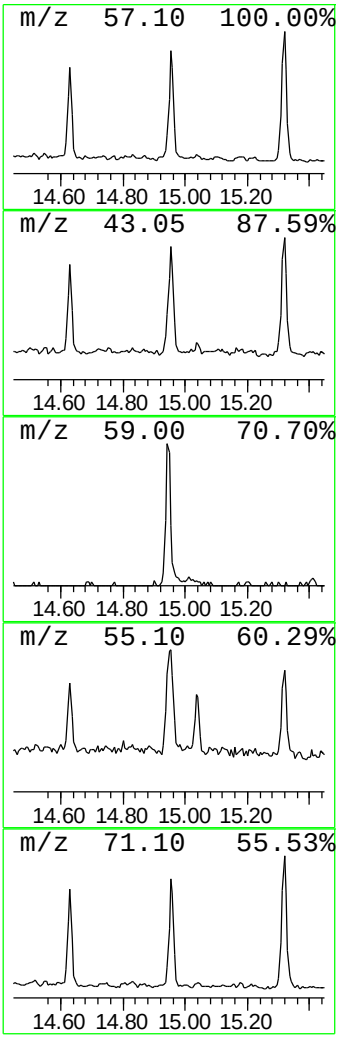
****

Peak Number 6 Hexadecane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	3.85 ng	239595	Chrysene-d12	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	90
2	Hentriacontane	437	C31H64	000630-04-6	81
3	Heptacosane	380	C27H56	000593-49-7	81
4	Hexacosane	366	C26H54	000630-01-3	81
5	Octacosane	394	C28H58	000630-02-4	81





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Instrument : BNA_F
ClientSampleId : EP1-Q3-A2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

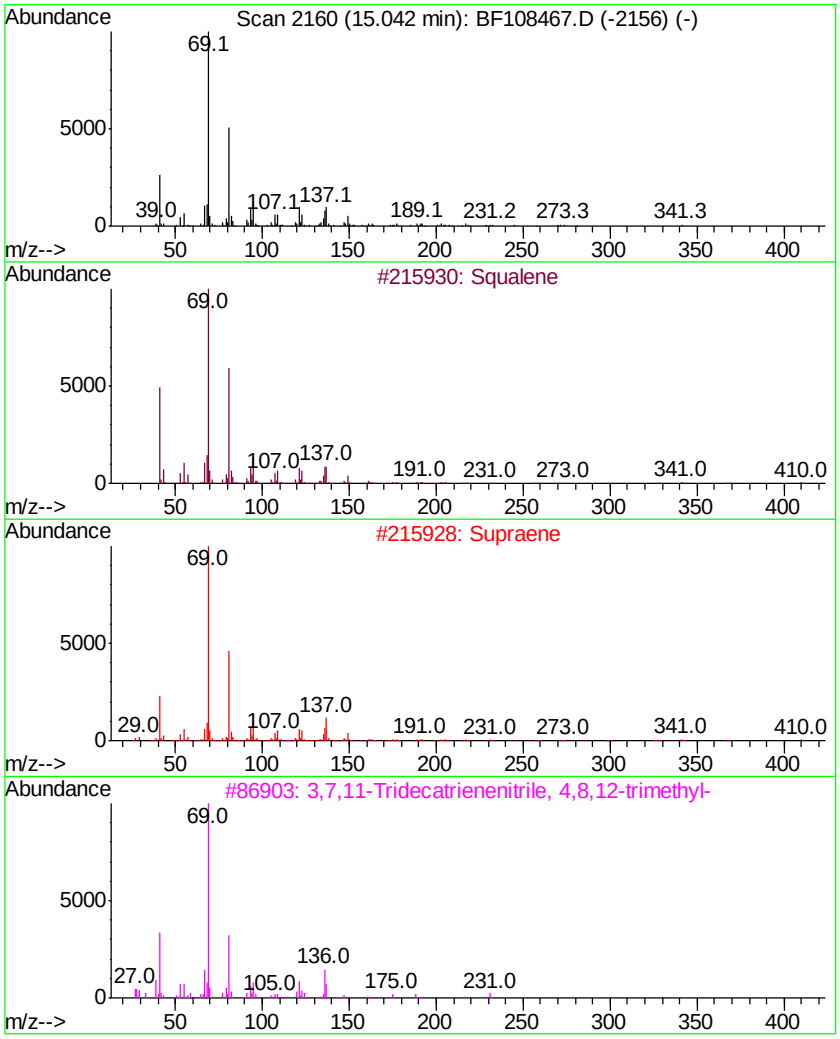
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

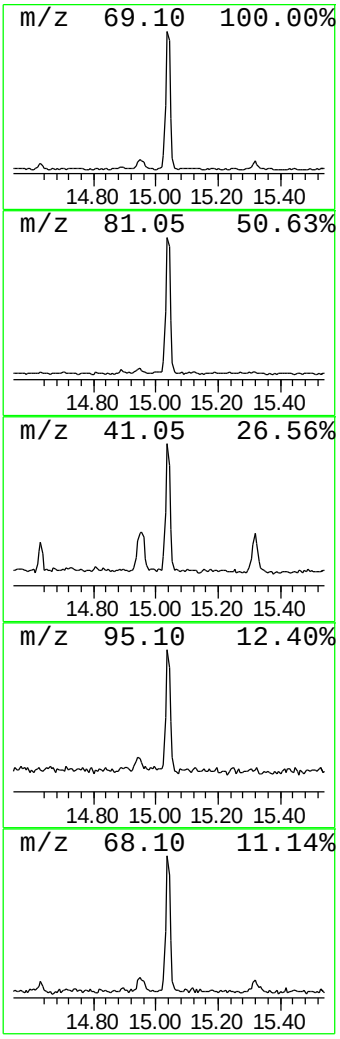
****

Peak Number 7 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	5.58 ng	314145	Perylene-d12	15.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	Supraene	410	C30H50	007683-64-9	91
3	3,7,11-Tridecatrienenitrile, 4,8...	231	C16H25N	006006-01-5	72
4	2,6-Octadiene, 2,6-dimethyl-	138	C10H18	002792-39-4	53
5	1,5-Heptadiene, 2,6-dimethyl-	124	C9H16	006709-39-3	52





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
Data File : BF108467.D
Acq On : 24 Aug 2018 17:06
Operator : JU/SJ
Sample : J4581-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q3-A2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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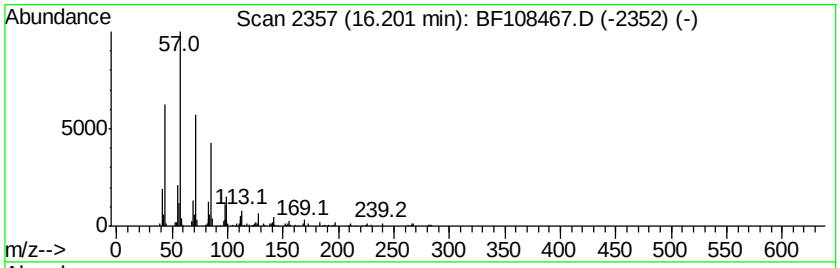
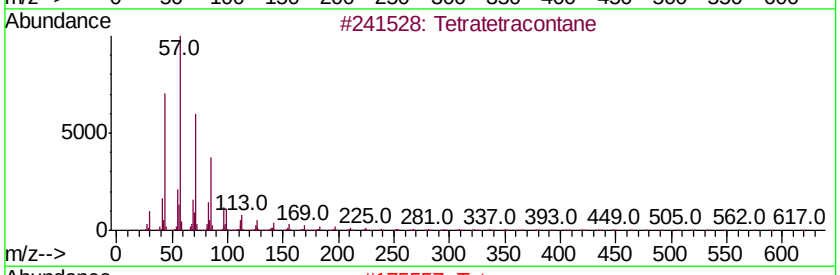
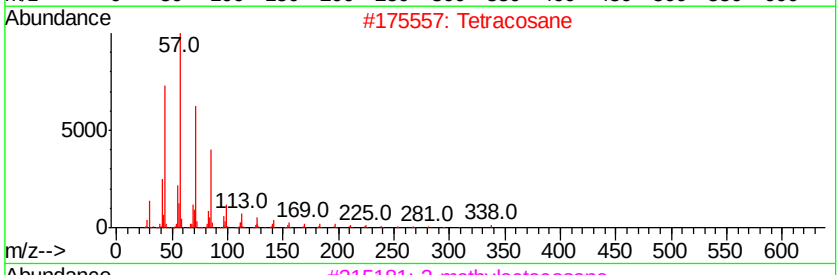
Peak Number 9 Tetratetracontane Concentration Rank 6

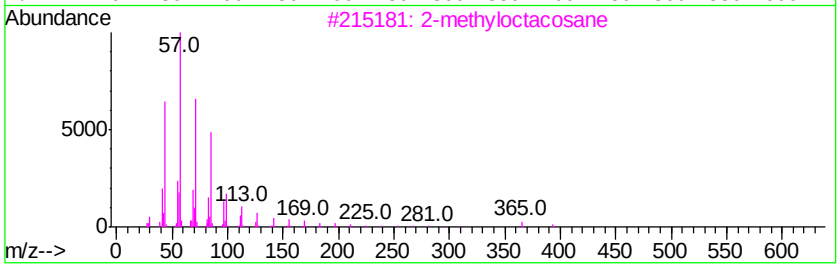
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.20	4.95 ng	278386	Perylene-d12	15.75

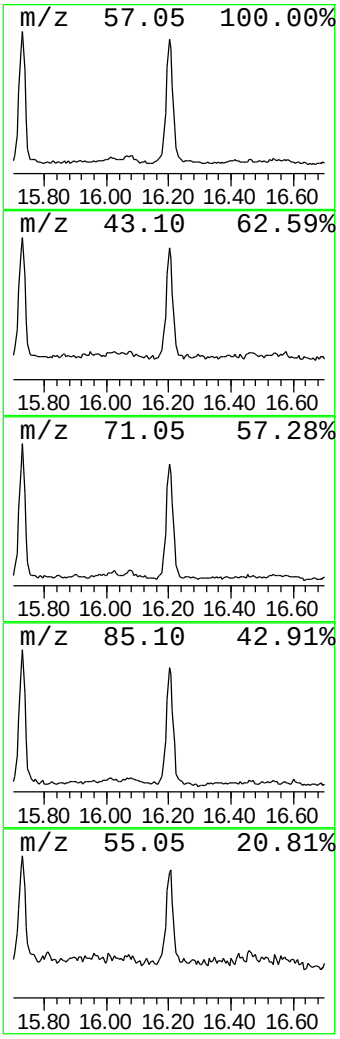
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	90
4	Eicosane	282	C20H42	000112-95-8	87
5	Docosane	310	C22H46	000629-97-0	87











Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
Data File : BF108467.D
Acq On : 24 Aug 2018 17:06
Operator : JU/SJ
Sample : J4581-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q3-A2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

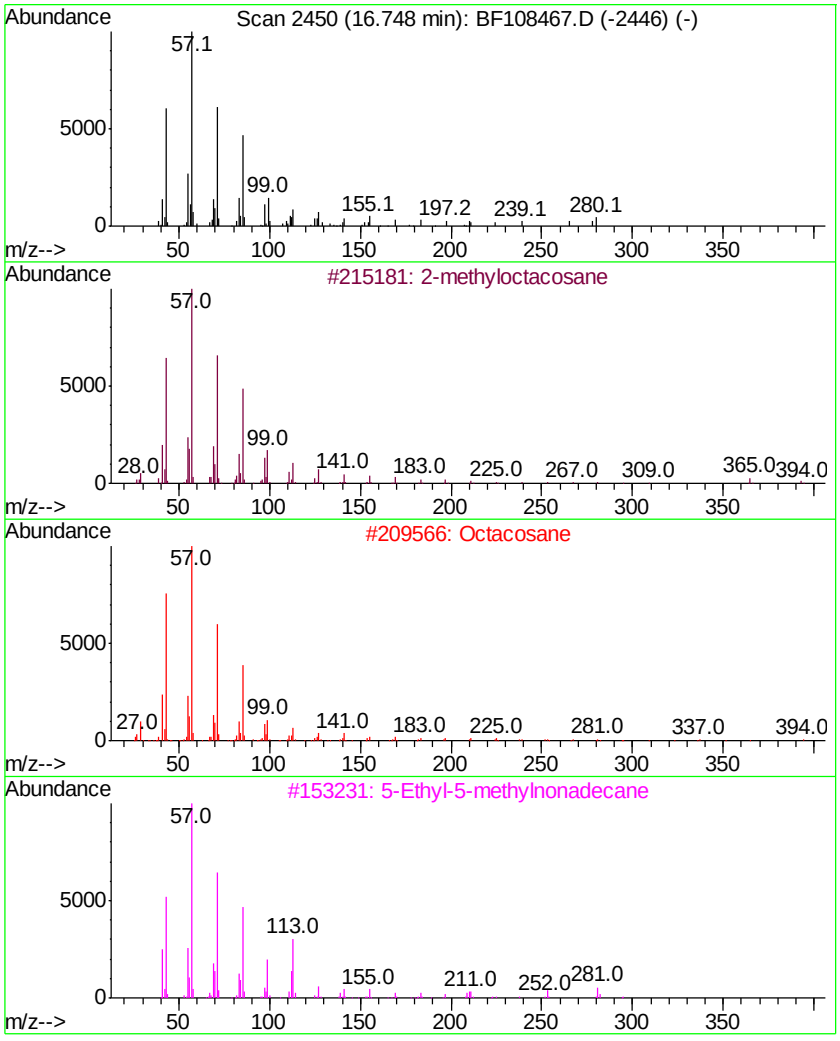
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

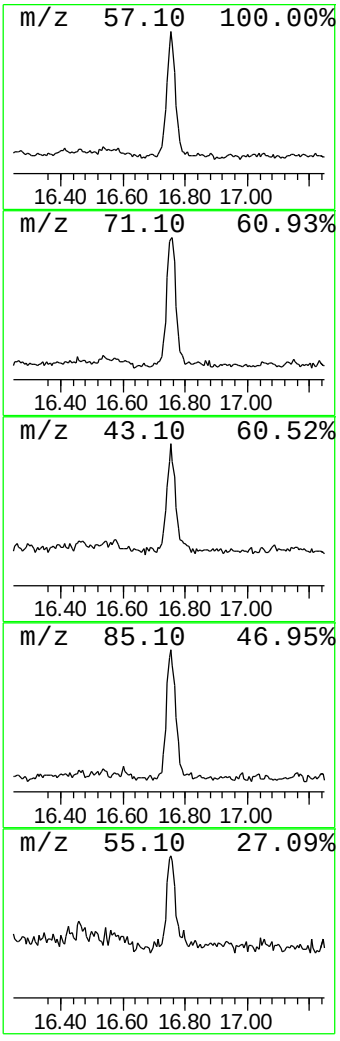
****

Peak Number 10 2-methyloctacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.75	3.82 ng	214783	Perylene-d12	15.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	87
2	Octacosane	394	C28H58	000630-02-4	83
3	5-Ethyl-5-methylnonadecane	310	C22H46	1000360-42-7	80
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	74
5	Heptadecane	240	C17H36	000629-78-7	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082418\
Data File : BF108467.D
Acq On : 24 Aug 2018 17:06
Operator : JU/SJ
Sample : J4581-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q3-A2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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
Butane, 2-methoxy...	2.37	25.9	ng	1127420	1	7.00	870900	20.0
2-Pentanone, 4-hy...	5.25	3.7	ng	160572	1	7.00	870900	20.0
unknown6.77	6.77	71.3	ng	3103820	1	7.00	870900	20.0
Phenanthrene, 2-m...	12.04	5.0	ng	355533	4	11.54	1434220	20.0
Hexadecane, 2-met...	14.95	3.9	ng	239595	5	14.19	1245700	20.0
Squalene	15.04	5.6	ng	314145	6	15.75	1125900	20.0
Tetratetracontane	16.20	5.0	ng	278386	6	15.75	1125900	20.0
2-methyloctacosane	16.75	3.8	ng	214783	6	15.75	1125900	20.0