LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108526.D
Acq On : 27 Aug 2018 23:13
Operator : JU/SJ
Sample : J4636-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BYR-2-E(0-1)

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	5.237	489	493	501	rBV	94342	104769	5.40%	0.495%
2	5.625	555	559	570	rBV	1928849	1825479	94.12%	8.630%
3	6.619	724	728	743	rBV	1899849	1939425	100.00%	9.169%
4	6.772	750	754	757	rBV	2046550	1910868	98.53%	9.034%
5	6.913	774	778	784	rVB2	16759	23549	1.21%	0.111%
6	6.995	789	792	796	rBV	717319	631816	32.58%	2.987%
7	7.154	815	819	822	rBV	1870793	1503175	77.51%	7.107%
8	7.560	883	888	891	rBV	1431571	1228524	63.34%	5.808%
9	8.283	1007	1011	1014	rBV	820766	743427	38.33%	3.515%
10	9.354	1189	1193	1196	rBV	2378687	1903741	98.16%	9.000%
11	9.742	1256	1259	1269	rVB	532575	462594	23.85%	2.187%
12	9.907	1283	1287	1291	rVB	26548	28583	1.47%	0.135%
13	10.042	1306	1310	1314	rBV	862927	739338	38.12%	3.495%
14	10.072	1314	1315	1320	rVB	30457	23389	1.21%	0.111%
15	10.836	1441	1445	1452	rBV	1060723	1041496	53.70%	4.924%
16	10.924	1457	1460	1465	rVB2	22653	27301	1.41%	0.129%
17	11.372	1534	1536	1539	rBV2	24874	22759	1.17%	0.108%
18	11.536	1560	1564	1566	rBV	779820	662099	34.14%	3.130%
19	11.560	1566	1568	1572	rVV	228864	185636	9.57%	0.878%
20	11.613	1574	1577	1581	rVB	52563	47684	2.46%	0.225%
21	11.771	1599	1604	1607	rBV2	15781	23127	1.19%	0.109%
22	12.042	1646	1650	1652	rBV	72090	76443	3.94%	0.361%
23	12.066	1652	1654	1658	rVB2	42744	50274	2.59%	0.238%
24	12.154	1665	1669	1671	rBV2	52137	58005	2.99%	0.274%
25	12.366	1702	1705	1711	rVB3	23668	24820	1.28%	0.117%
26	12.589	1740	1743	1747	rBV2	32753	49887	2.57%	0.236%
27	12.677	1756	1758	1762	rVB	23005	23388	1.21%	0.111%
28	12.754	1768	1771	1775	rBV	403503	373607	19.26%	1.766%
29	12.971	1804	1808	1809	rBV2	92711	103706	5.35%	0.490%
30	12.989	1809	1811	1816	rVB	411166	340901	17.58%	1.612%
31	13.118	1829	1833	1837	rBV	1714476	1504129	77.56%	7.111%
32	13.201	1843	1847	1851	rBV2	31602	50291	2.59%	0.238%
33	13.313	1859	1866	1872	rBV4	70049	135755	7.00%	0.642%
34	13.383	1875	1878	1880	rVV	47714	45324	2.34%	0.214%

LSC Area Percent Report

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Acq On : 27 Aug 2018 23:13
Operator : JU/SJ
Sample : J4636-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BYR-2-E(0-1)

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	13.418	1882	1884	1887	rVB2	33798	31498	1.62%	0.149%
36	13.518	1898	1901	1903	rBV	23848	23244	1.20%	0.110%
37	13.548	1903	1906	1908	rVV	34323	27704	1.43%	0.131%
38	13.589	1910	1913	1916	rVB	106304	82830	4.27%	0.392%
39	13.671	1924	1927	1930	rBV2	54677	58699	3.03%	0.278%
40	13.824	1951	1953	1958	rVB	34624	37234	1.92%	0.176%
41	13.965	1975	1977	1980	rBV	30592	31552	1.63%	0.149%
42	14.001	1980	1983	1986	rBV3	98593	95128	4.90%	0.450%
43	14.042	1986	1990	1999	rBV3	97870	246044	12.69%	1.163%
44	14.142	2004	2007	2010	rVV	52953	54687	2.82%	0.259%
45	14.189	2010	2015	2018	rVV2	805889	947763	48.87%	4.481%
46	14.218	2018	2020	2027	rVB	193638	176276	9.09%	0.833%
47	14.295	2031	2033	2035	rBV	37426	33868	1.75%	0.160%
48	14.318	2035	2037	2042	rVB2	94601	83413	4.30%	0.394%
49	14.624	2087	2089	2093	rVB	104408	97028	5.00%	0.459%
50	14.954	2142	2145	2148	rVB	107567	108894	5.61%	0.515%
51	15.277	2196	2200	2203	rBV	139609	210315	10.84%	0.994%
52	15.312	2203	2206	2212	rVB2	170279	206210	10.63%	0.975%
53	15.607	2254	2256	2264	rVB	87631	113961	5.88%	0.539%
54	15.677	2265	2268	2272	rVV	104547	122071	6.29%	0.577%
55	15.748	2276	2280	2284	rVB	320857	448056	23.10%	2.118%

Sum of corrected areas: 21151784

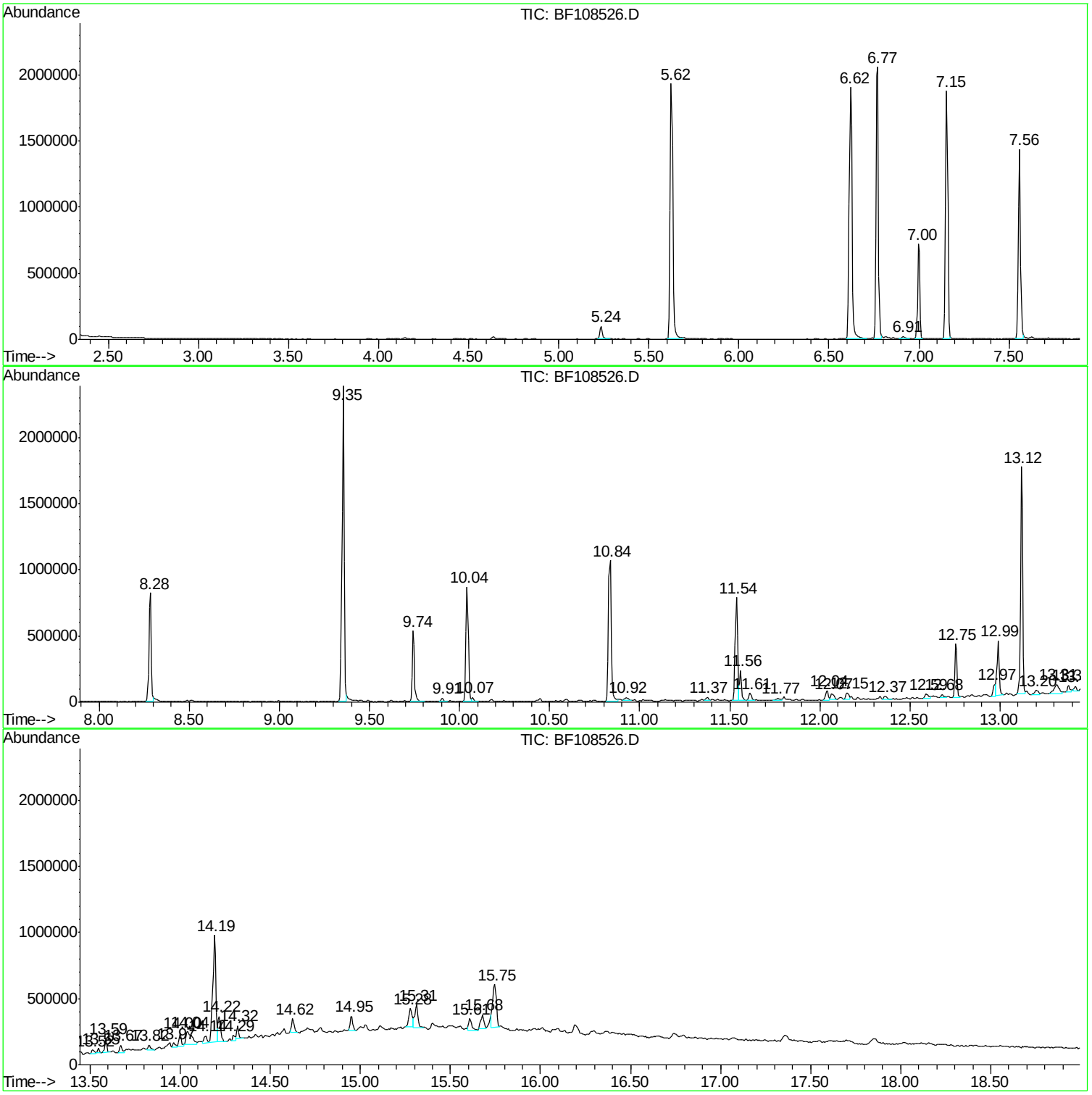
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108526.D
Acq On : 27 Aug 2018 23:13
Operator : JU/SJ
Sample : J4636-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BYR-2-E(0-1)

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108526.D
Acq On : 27 Aug 2018 23:13
Operator : JU/SJ
Sample : J4636-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BYR-2-E(0-1)

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

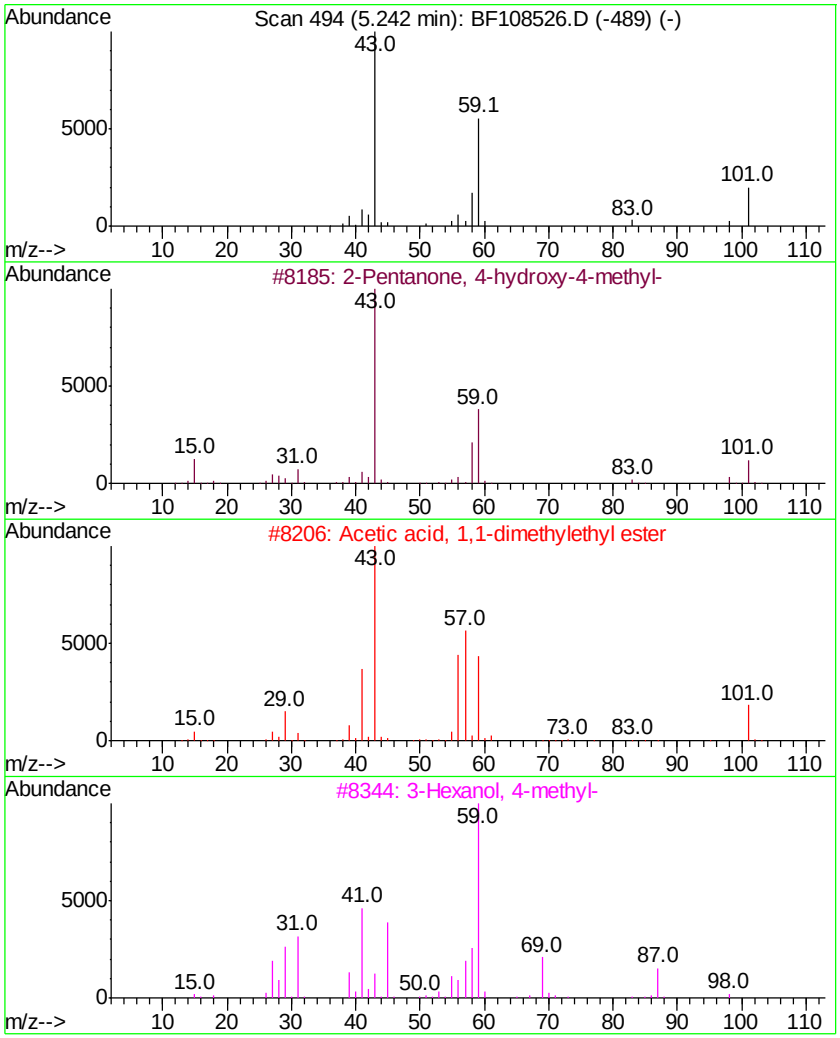
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

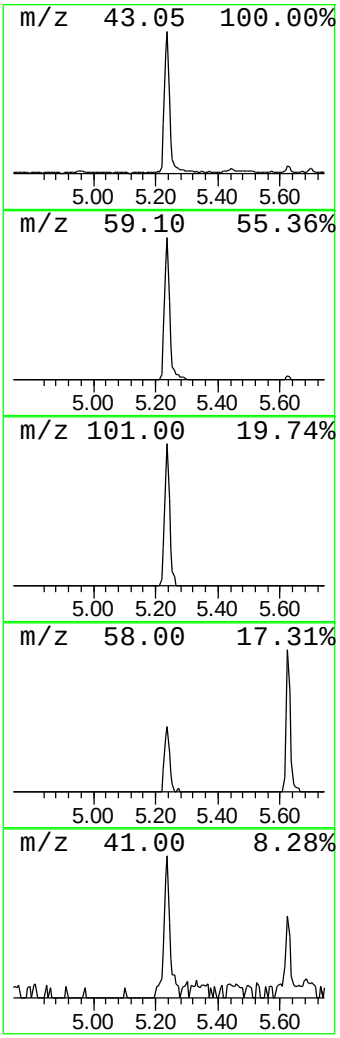
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.24	3.32 ng	104769	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	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108526.D
Acq On : 27 Aug 2018 23:13
Operator : JU/SJ
Sample : J4636-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BYR-2-E(0-1)

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

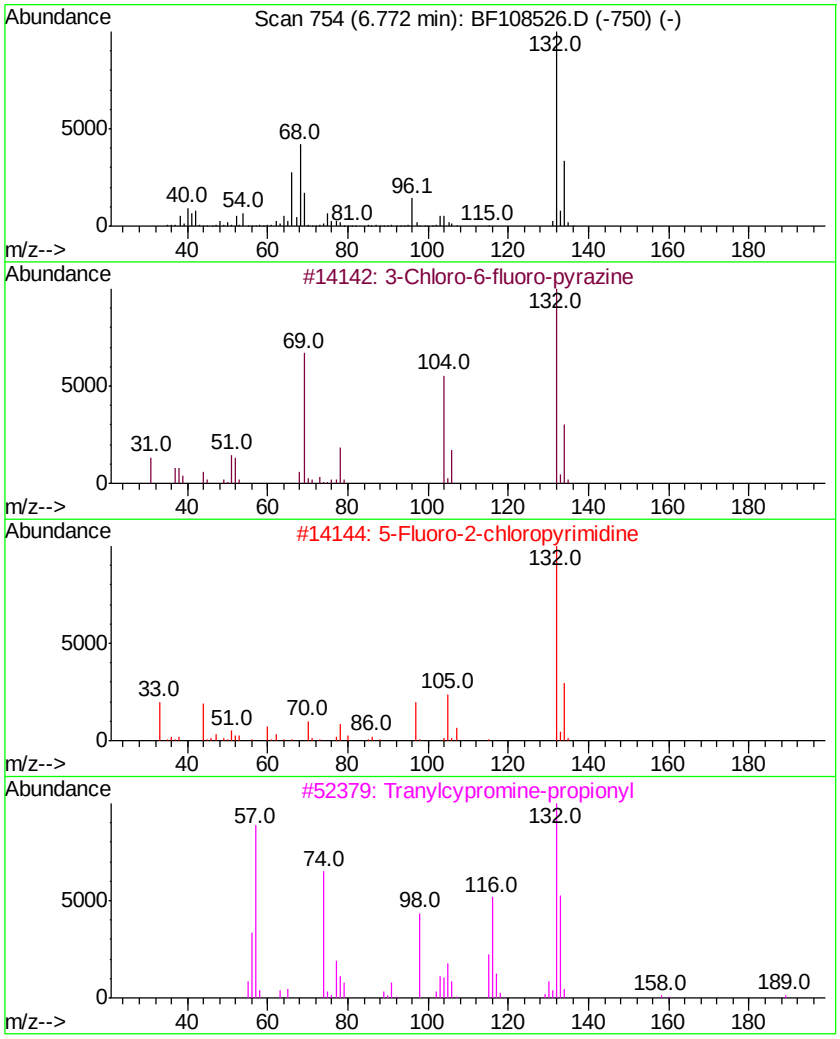
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

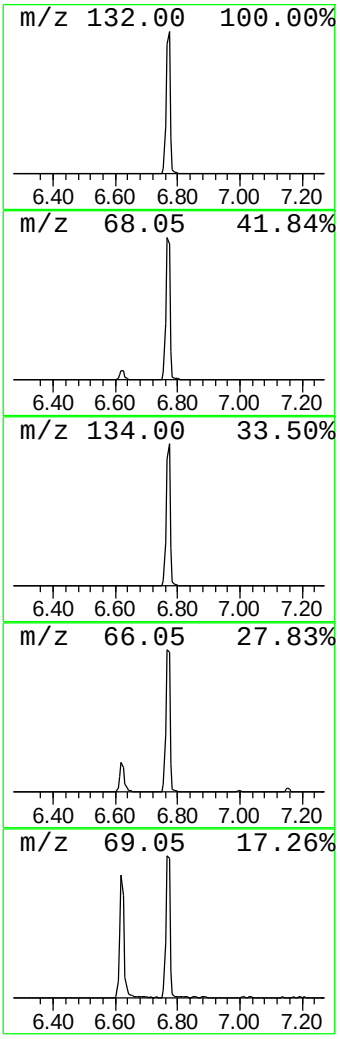
****

Peak Number 2 unknown6.77 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	60.49 ng	1910870	1,4-Dichlorobenzene-d4	7.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
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





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108526.D
Acq On : 27 Aug 2018 23:13
Operator : JU/SJ
Sample : J4636-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BYR-2-E(0-1)

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

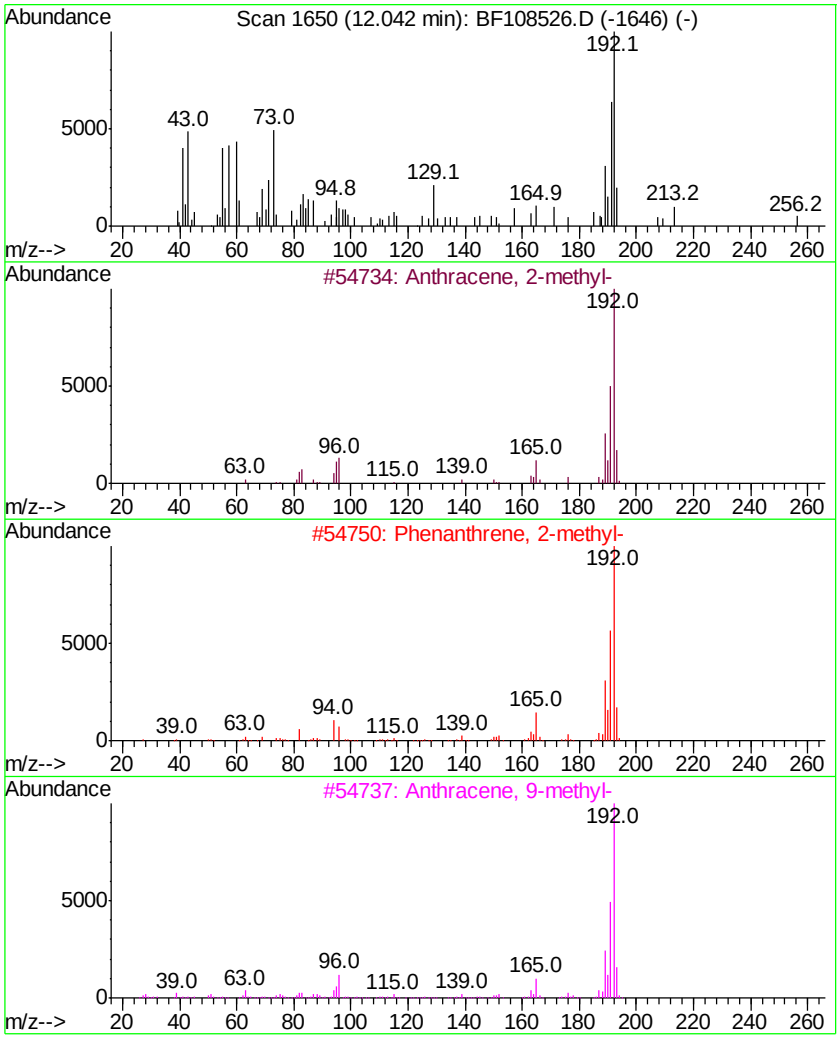
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

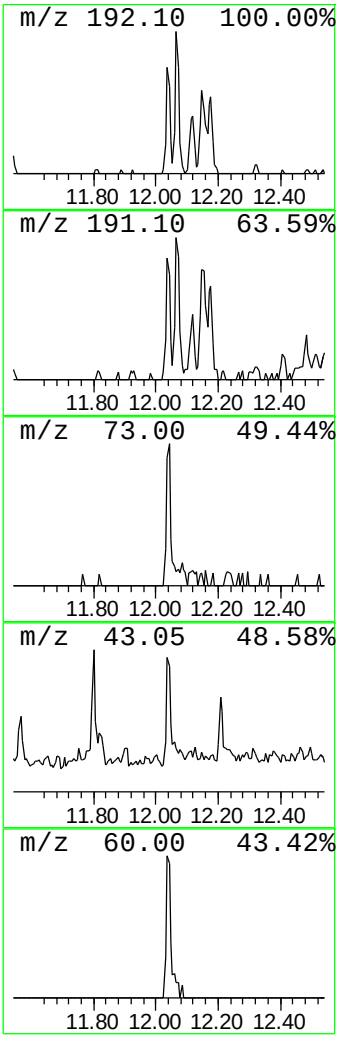
****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	2.31 ng	76443	Phenanthrene-d10	11.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	62
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	60
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	60
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	55
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108526.D
Acq On : 27 Aug 2018 23:13
Operator : JU/SJ
Sample : J4636-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BYR-2-E(0-1)

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

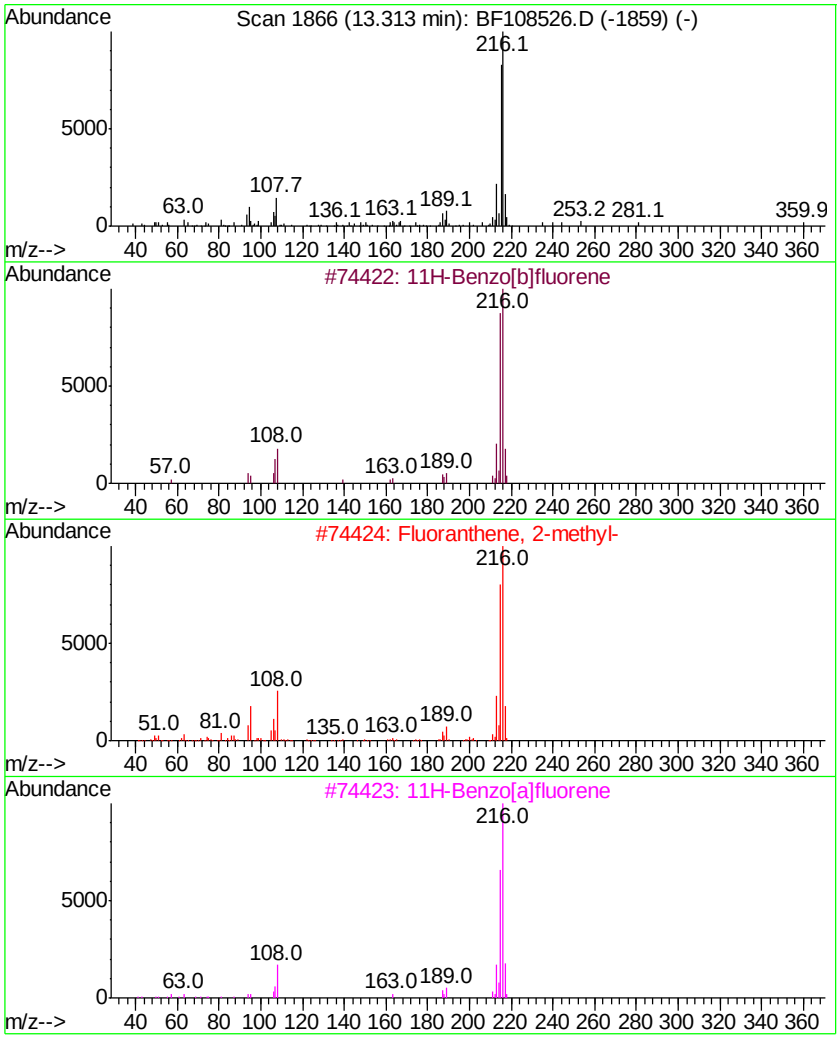
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

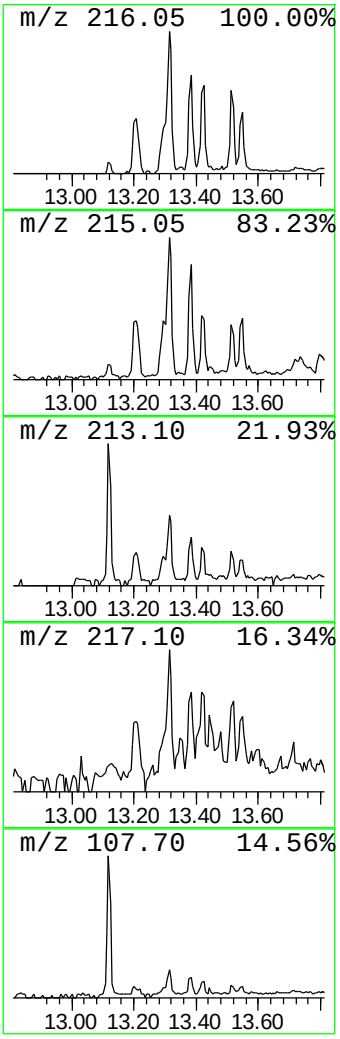
****

Peak Number 5 11H-Benzo[b]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	2.86 ng	135755	Chrysene-d12	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87





Library Search Compound Report

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Operator : JU/SJ
Sample : J4636-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BYR-2-E(0-1)

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

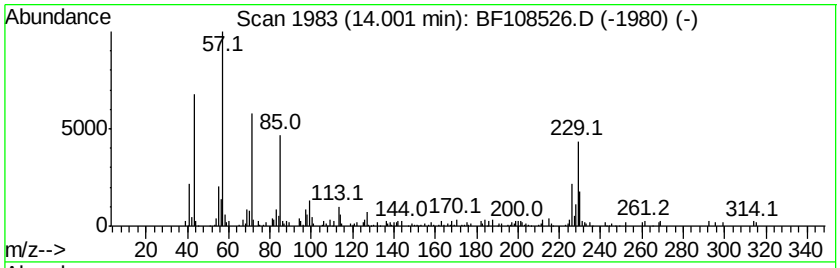
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

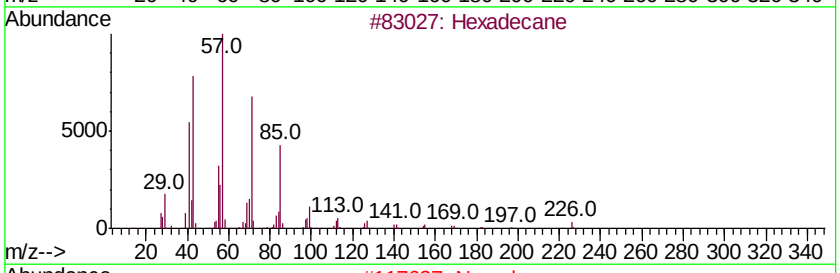
****

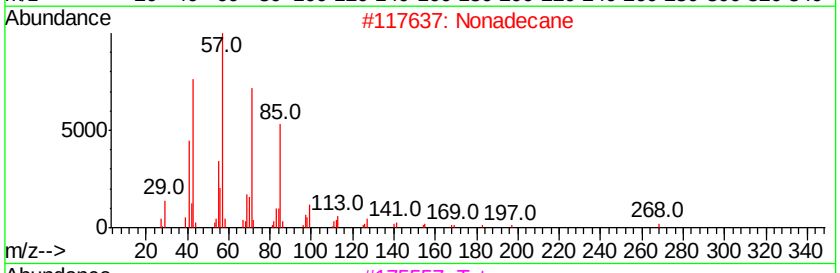
Peak Number 6 unknown14.00 Concentration Rank 10

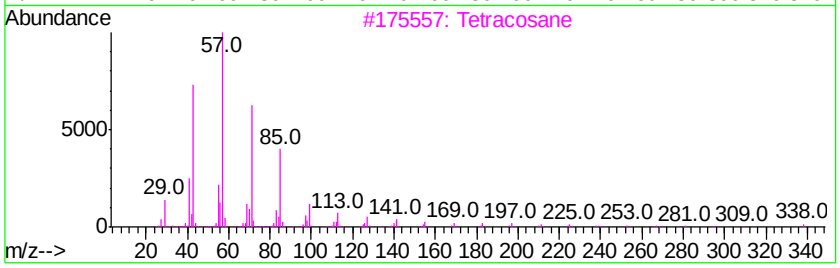
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	2.01 ng	95128	Chrysene-d12	14.19

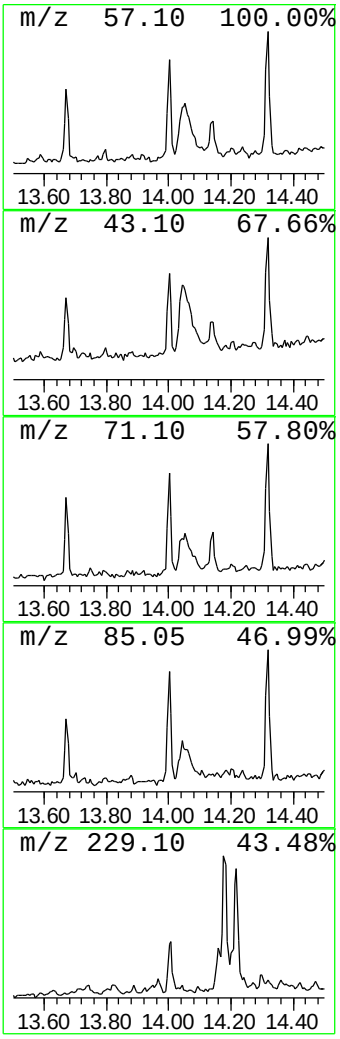
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	49
2	Nonadecane	268	C19H40	000629-92-5	46
3	Tetracosane	338	C24H50	000646-31-1	41
4	Octadecane	254	C18H38	000593-45-3	41
5	Heptadecane	240	C17H36	000629-78-7	41











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Misc :
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Instrument : BNA_F
ClientSampleId : BYR-2-E(0-1)

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

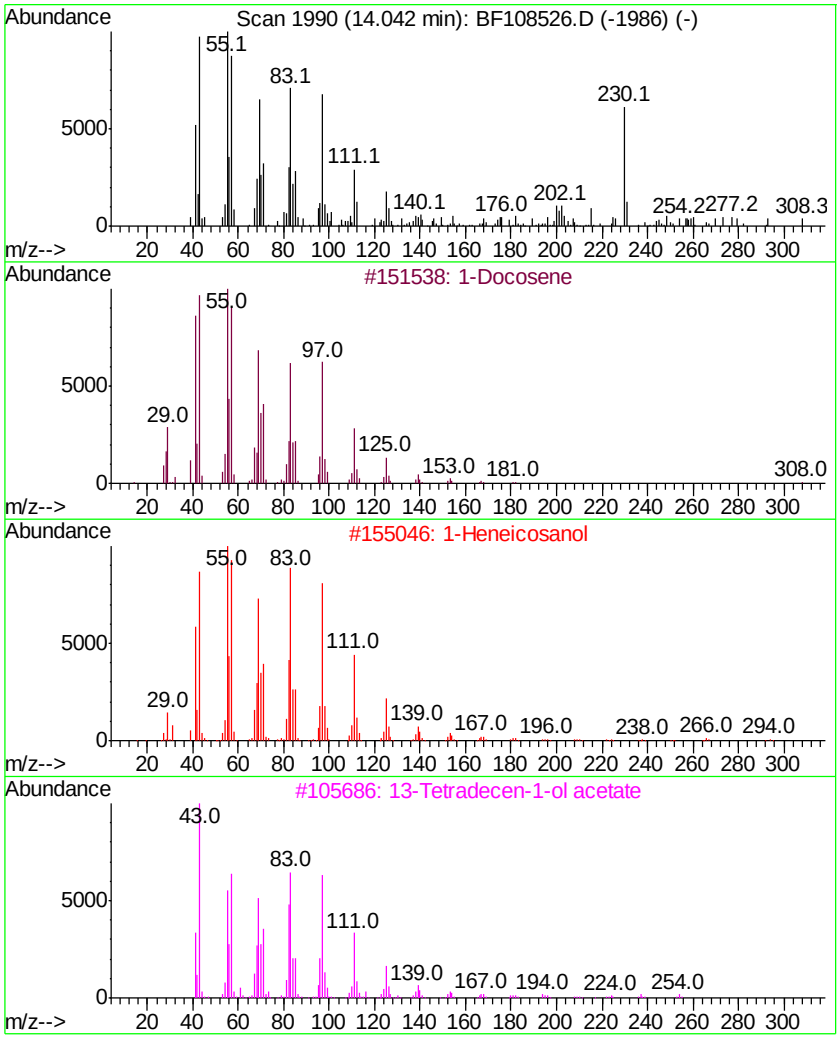
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

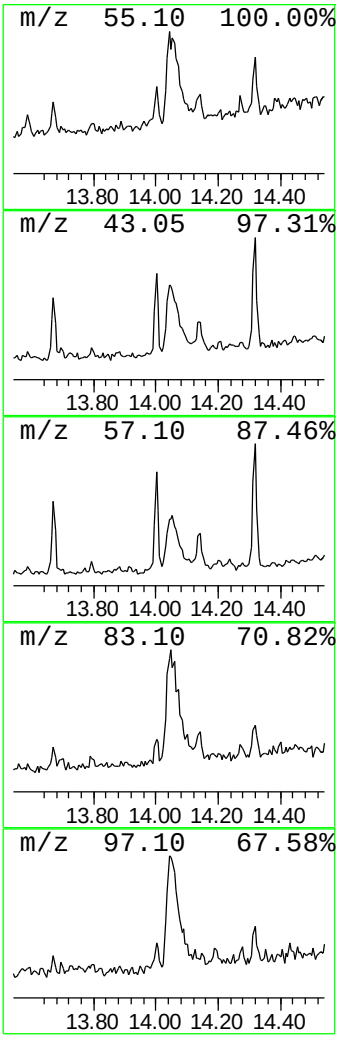
****

Peak Number 7 1-Docosene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	5.19 ng	246044	Chrysene-d12	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	91
2	1-Heneicosanol	312	C21H44O	015594-90-8	83
3	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	83
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	70
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108526.D
Acq On : 27 Aug 2018 23:13
Operator : JU/SJ
Sample : J4636-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BYR-2-E(0-1)

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

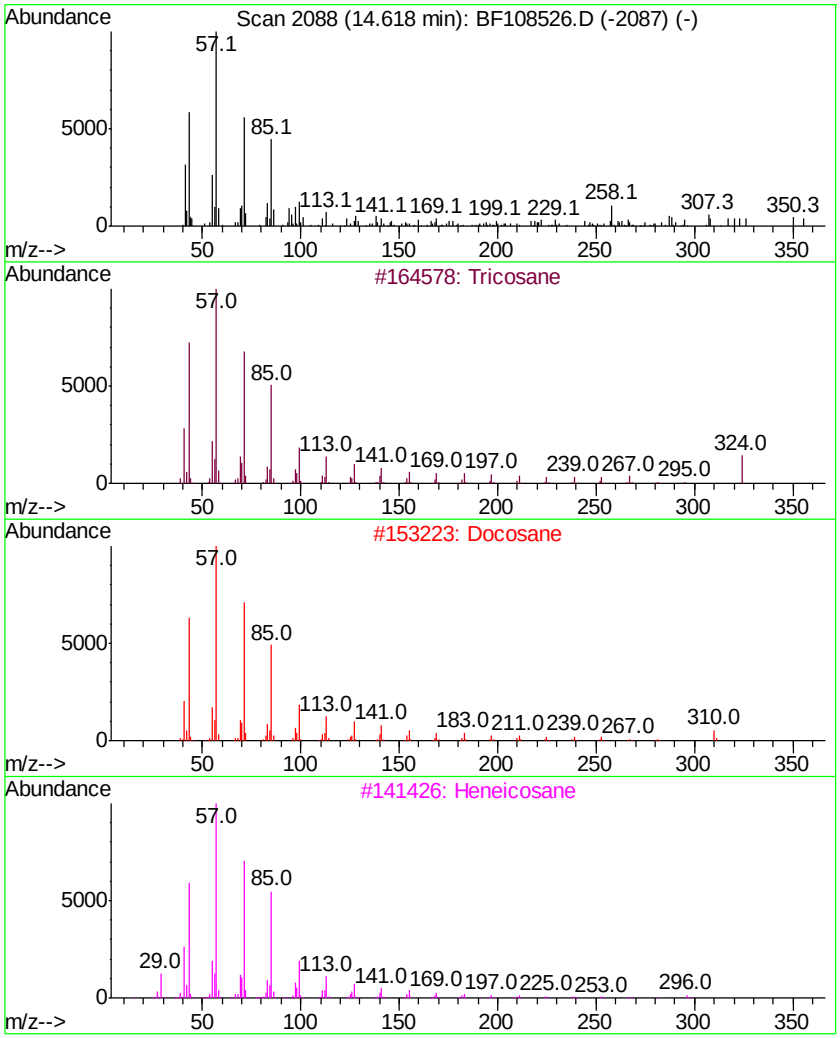
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

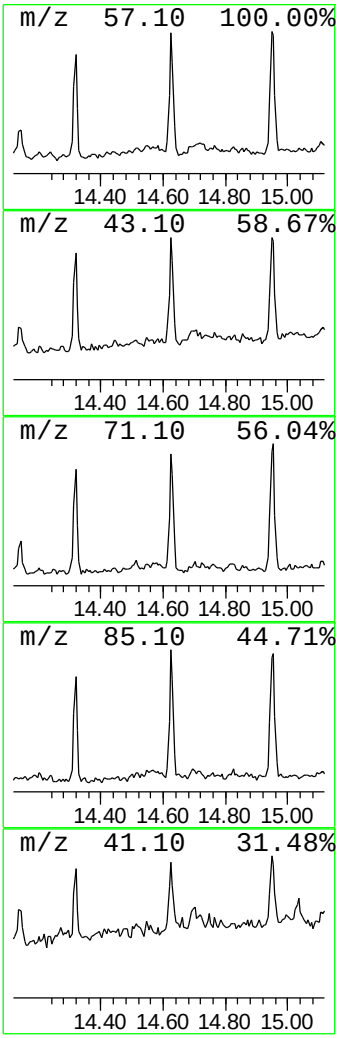
****

Peak Number 8 Tricosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	2.05 ng	97028	Chrysene-d12	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	93
2	Docosane	310	C22H46	000629-97-0	91
3	Heneicosane	296	C21H44	000629-94-7	83
4	Octadecane	254	C18H38	000593-45-3	83
5	3,5-Dimethyldodecane	198	C14H30	107770-99-0	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108526.D
Acq On : 27 Aug 2018 23:13
Operator : JU/SJ
Sample : J4636-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BYR-2-E(0-1)

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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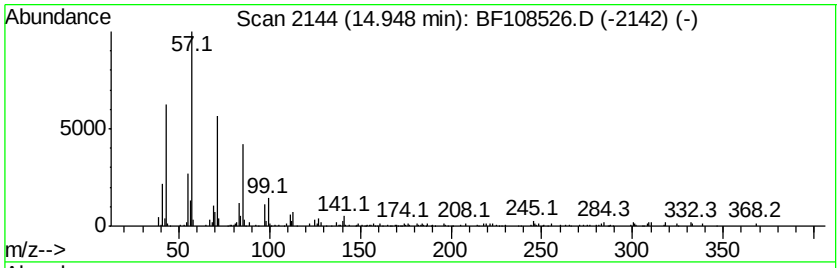
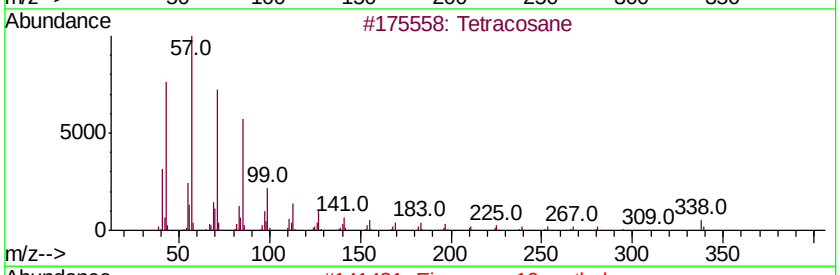
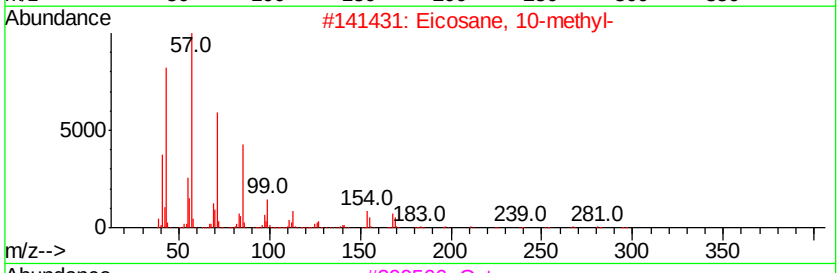
Peak Number 9 Tetracosane Concentration Rank 8

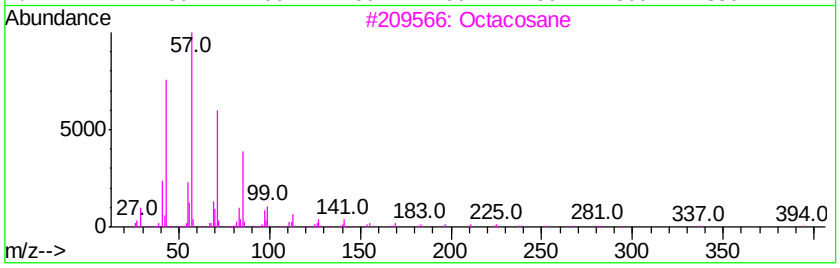
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	2.30 ng	108894	Chrysene-d12	14.19

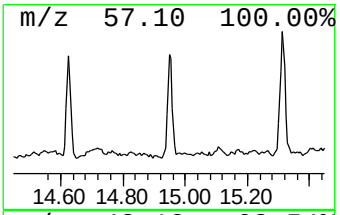
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	95
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
3	Octacosane	394	C28H58	000630-02-4	87
4	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	87
5	Tetradecane	198	C14H30	000629-59-4	81

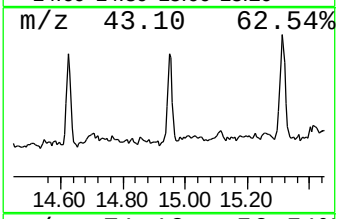


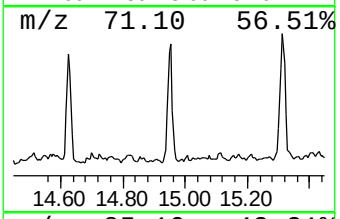


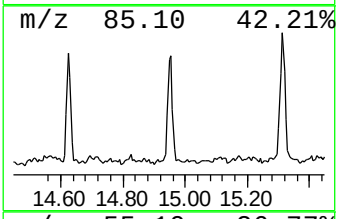


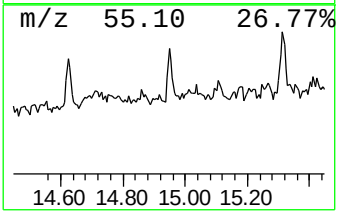












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108526.D
Acq On : 27 Aug 2018 23:13
Operator : JU/SJ
Sample : J4636-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BYR-2-E(0-1)

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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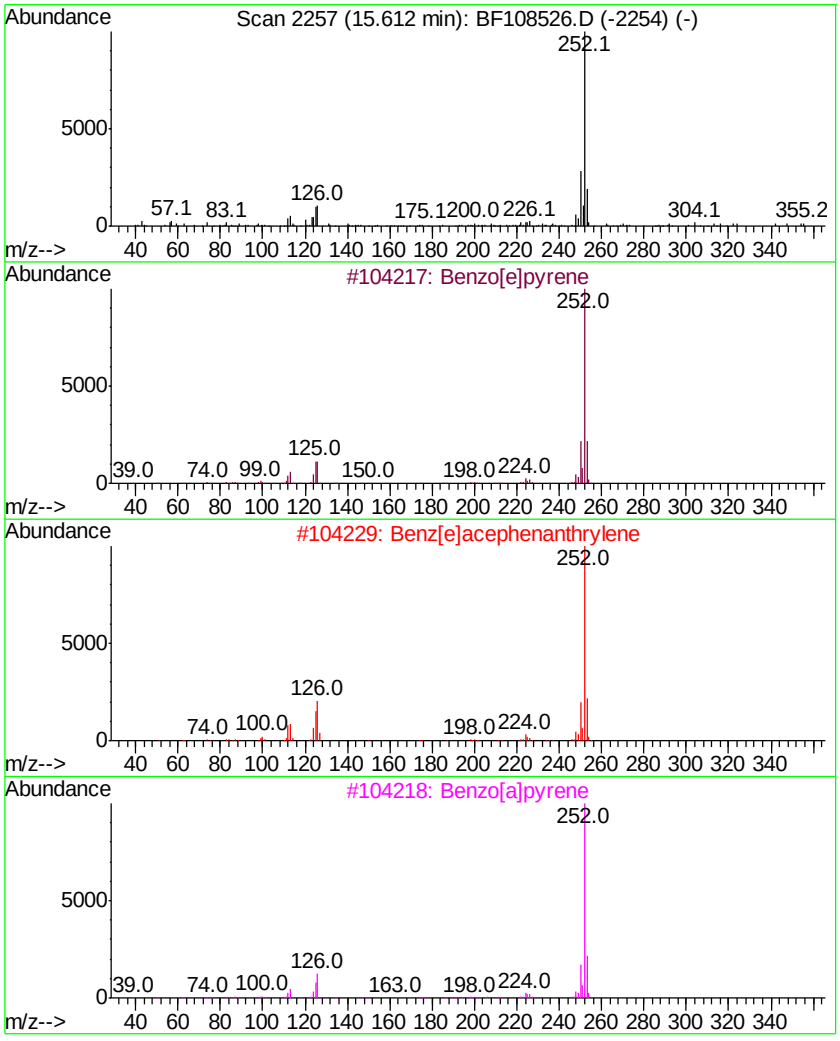
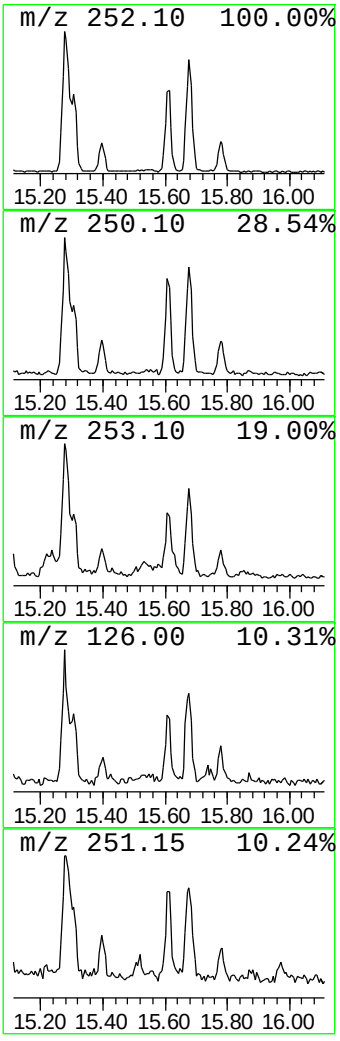
Peak Number 10 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	5.09 ng	113961	Perylene-d12	15.75

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	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082718\
Data File : BF108526.D
Acq On : 27 Aug 2018 23:13
Operator : JU/SJ
Sample : J4636-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BYR-2-E(0-1)

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
2-Pentanone, 4-hy...	5.24	3.3	ng	104769	1	7.00	631816	20.0
unknown6.77	6.77	60.5	ng	1910870	1	7.00	631816	20.0
Anthracene, 2-met...	12.04	2.3	ng	76443	4	11.54	662099	20.0
11H-Benzo[b]fluorene	13.31	2.9	ng	135755	5	14.19	947763	20.0
unknown14.00	14.00	2.0	ng	95128	5	14.19	947763	20.0
1-Docosene	14.04	5.2	ng	246044	5	14.19	947763	20.0
Tricosane	14.62	2.0	ng	97028	5	14.19	947763	20.0
Tetracosane	14.95	2.3	ng	108894	5	14.19	947763	20.0
Benzo[e]pyrene	15.61	5.1	ng	113961	6	15.75	448056	20.0