LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
Data File : BF118467.D
Acq On : 3 Jan 2020 20:05
Operator : JU
Sample : K6472-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K309-WC-01

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-BF122419.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	5.051	500	504	520	rVB	165025	206316	9.82%	0.954%
2	5.463	571	574	590	rBV	1125437	1188429	56.54%	5.498%
3	6.481	743	747	766	rBV	1238527	1371624	65.25%	6.345%
4	6.616	766	770	781	rVB	1738876	1457184	69.32%	6.741%
5	6.845	805	809	816	rBV	456814	393857	18.74%	1.822%
6	6.998	831	835	847	rBV	1341264	1203739	57.27%	5.568%
7	7.410	901	905	921	rBV	962501	962848	45.81%	4.454%
8	8.133	1024	1028	1045	rBV	602868	612901	29.16%	2.835%
9	9.210	1207	1211	1221	rBV	2497478	2102040	100.00%	9.724%
10	9.604	1275	1278	1288	rVB	120973	120491	5.73%	0.557%
11	9.892	1323	1327	1331	rBV	912129	758809	36.10%	3.510%
12	10.686	1458	1462	1477	rBV	1363203	1297971	61.75%	6.004%
13	11.386	1577	1581	1583	rBV	776645	658740	31.34%	3.047%
14	11.410	1583	1585	1590	rVV	236652	211381	10.06%	0.978%
15	11.468	1590	1595	1600	rVB	33398	47445	2.26%	0.219%
16	11.633	1617	1623	1627	rBV2	19125	31040	1.48%	0.144%
17	11.910	1664	1670	1677	rBV3	157592	250237	11.90%	1.158%
18	12.004	1683	1686	1689	rBV	48472	54864	2.61%	0.254%
19	12.186	1715	1717	1721	rVB	30507	25046	1.19%	0.116%
20	12.227	1721	1724	1728	rBV	24015	24767	1.18%	0.115%
21	12.439	1757	1760	1762	rBV	35408	32417	1.54%	0.150%
22	12.539	1773	1777	1780	rVB3	29401	32682	1.55%	0.151%
23	12.604	1785	1788	1794	rBV	420875	416963	19.84%	1.929%
24	12.698	1801	1804	1808	rVB4	30679	29117	1.39%	0.135%
25	12.839	1822	1828	1834	rBV	379278	427943	20.36%	1.980%
26	12.892	1834	1837	1840	rVB	24063	27855	1.33%	0.129%
27	12.974	1847	1851	1854	rBV	2231590	1889974	89.91%	8.743%
28	13.051	1861	1864	1869	rBV3	25896	44111	2.10%	0.204%
29	13.145	1876	1880	1881	rBV3	26751	27549	1.31%	0.127%
30	13.168	1881	1884	1886	rVV	45458	50828	2.42%	0.235%
31	13.192	1886	1888	1893	rVB3	32390	33880	1.61%	0.157%
32	13.274	1898	1902	1905	rBV2	42658	48581	2.31%	0.225%
33	13.398	1920	1923	1928	rVB2	23848	27796	1.32%	0.129%
34	13.539	1943	1947	1950	rBV3	63547	68085	3.24%	0.315%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
Data File : BF118467.D
Acq On : 3 Jan 2020 20:05
Operator : JU
Sample : K6472-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K309-WC-01

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-BF122419.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.686	1969	1972	1977	rBV	43635	43747	2.08%	0.202%
36	13.792	1985	1990	1992	rBV2	54194	68092	3.24%	0.315%
37	13.815	1992	1994	1996	rVV	51135	43555	2.07%	0.201%
38	13.868	2000	2003	2014	rVB3	246735	371859	17.69%	1.720%
39	14.045	2024	2033	2035	rBV2	684995	872773	41.52%	4.037%
40	14.068	2035	2037	2040	rVB	201783	176966	8.42%	0.819%
41	14.186	2053	2057	2060	rBV	152842	150778	7.17%	0.697%
42	14.433	2097	2099	2102	rVB	40939	31777	1.51%	0.147%
43	14.492	2106	2109	2114	rBV	195668	198670	9.45%	0.919%
44	14.804	2157	2162	2167	rVB	280000	301040	14.32%	1.393%
45	14.939	2182	2185	2188	rBV3	26326	30483	1.45%	0.141%
46	15.098	2208	2212	2215	rBV	198307	271440	12.91%	1.256%
47	15.145	2216	2220	2224	rVB	273277	341299	16.24%	1.579%
48	15.209	2229	2231	2236	rVB	43842	56783	2.70%	0.263%
49	15.409	2261	2265	2271	rVB	122106	152503	7.25%	0.705%
50	15.474	2272	2276	2280	rBV	169704	208508	9.92%	0.965%
51	15.533	2280	2286	2291	rBV2	626213	914103	43.49%	4.229%
52	15.968	2355	2360	2367	rVB	261112	382367	18.19%	1.769%
53	16.039	2368	2372	2375	rBV6	27331	54828	2.61%	0.254%
54	16.474	2441	2446	2459	rVB2	157586	309720	14.73%	1.433%
55	17.050	2538	2544	2558	rVB3	92612	262996	12.51%	1.217%
56	17.503	2615	2621	2630	rVB2	57240	135472	6.44%	0.627%
57	17.768	2660	2666	2677	rVB8	31505	99850	4.75%	0.462%

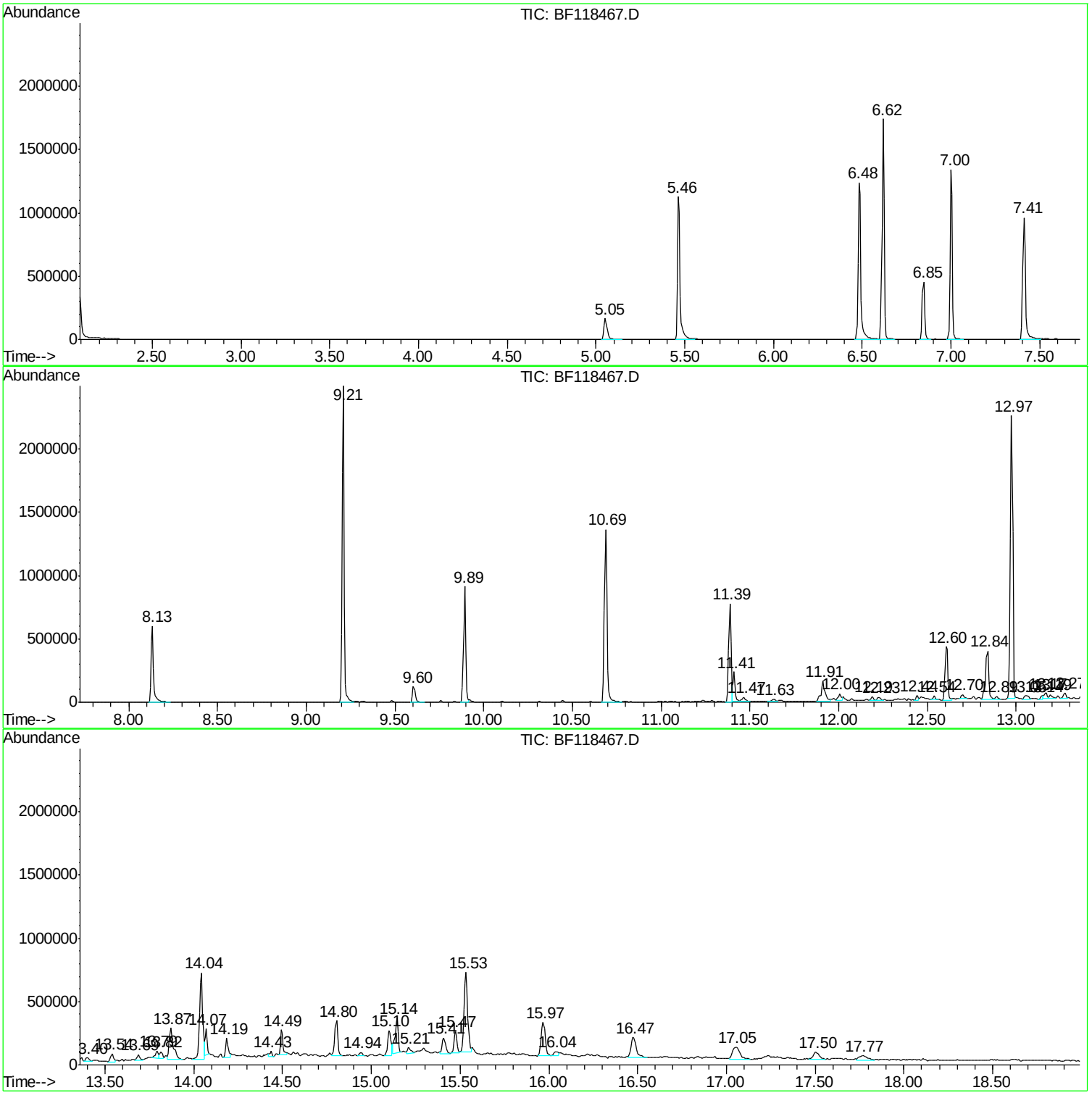
Sum of corrected areas: 21617119

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
Data File : BF118467.D
Acq On : 3 Jan 2020 20:05
Operator : JU
Sample : K6472-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
K309-WC-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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\BF010320\
Data File : BF118467.D
Acq On : 3 Jan 2020 20:05
Operator : JU
Sample : K6472-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K309-WC-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

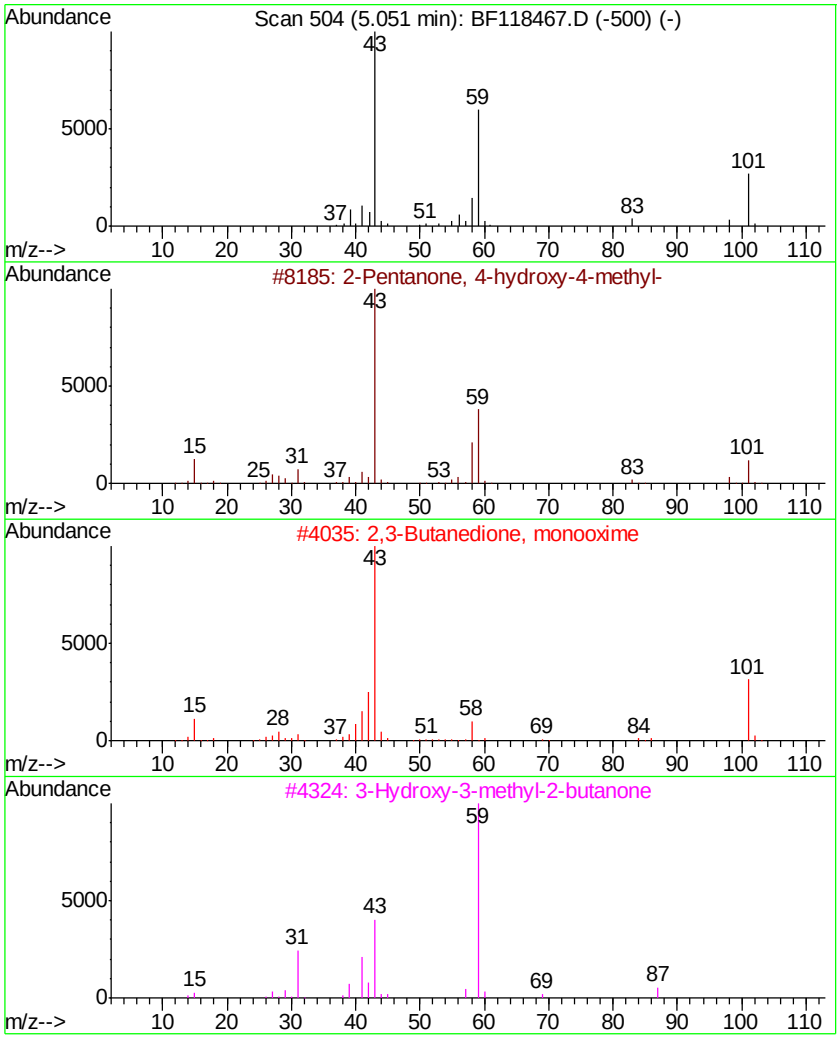
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

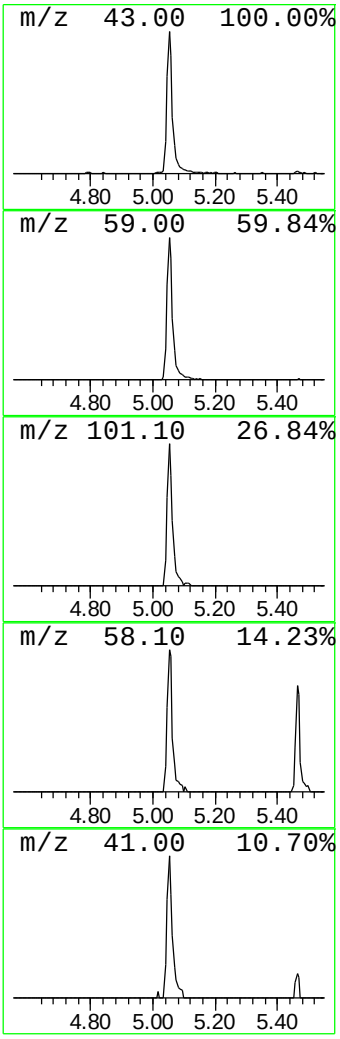
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	10.48 ng	206316	1,4-Dichlorobenzene-d4	6.85

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	25
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17
5	Butane	58	C4H10	000106-97-8	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
Data File : BF118467.D
Acq On : 3 Jan 2020 20:05
Operator : JU
Sample : K6472-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K309-WC-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

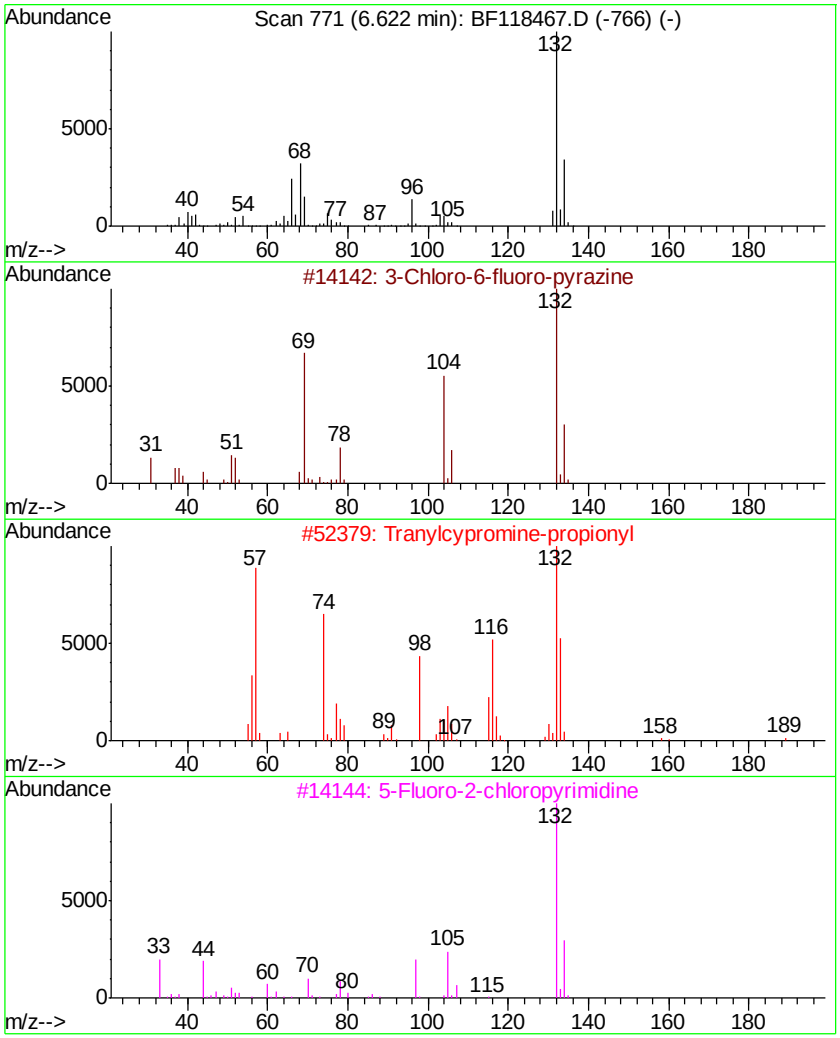
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

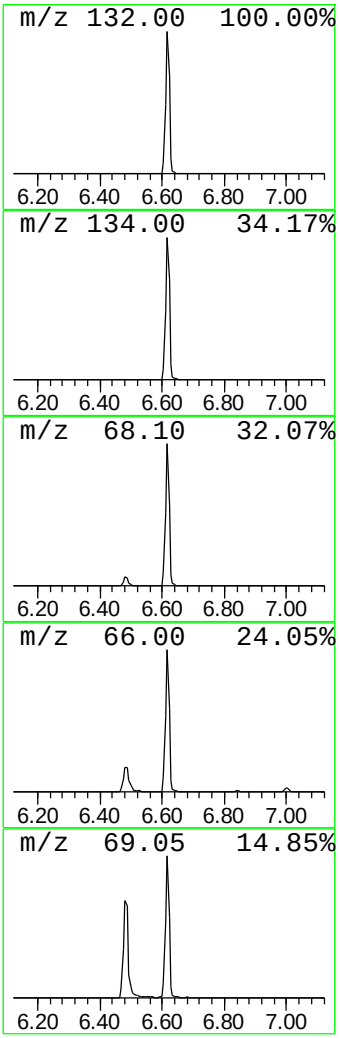
****

Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	74.00 ng	1457180	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
5	Xenon	132	Xe	007440-63-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
Data File : BF118467.D
Acq On : 3 Jan 2020 20:05
Operator : JU
Sample : K6472-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K309-WC-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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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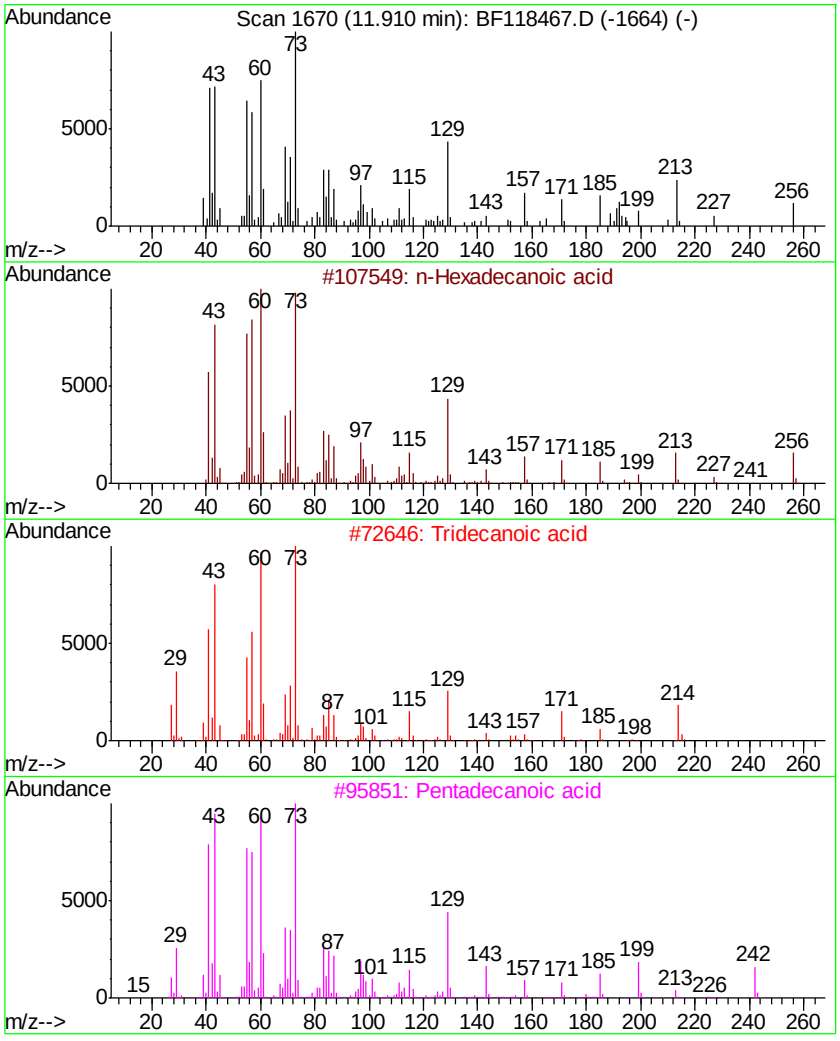
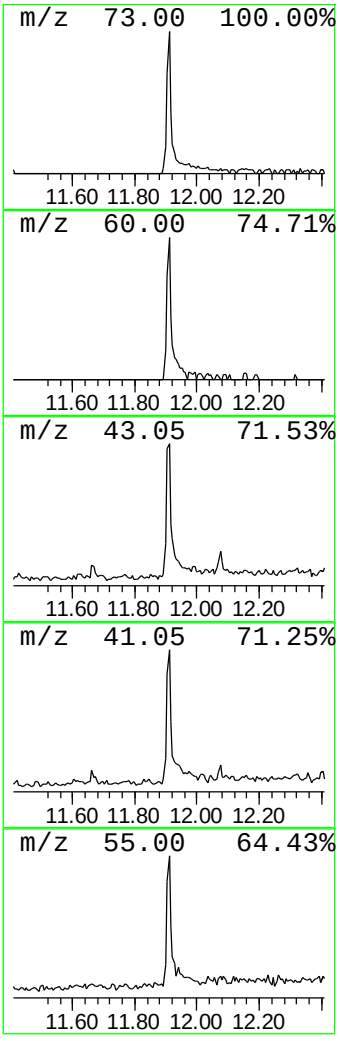
Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	7.60 ng	250237	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
Data File : BF118467.D
Acq On : 3 Jan 2020 20:05
Operator : JU
Sample : K6472-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K309-WC-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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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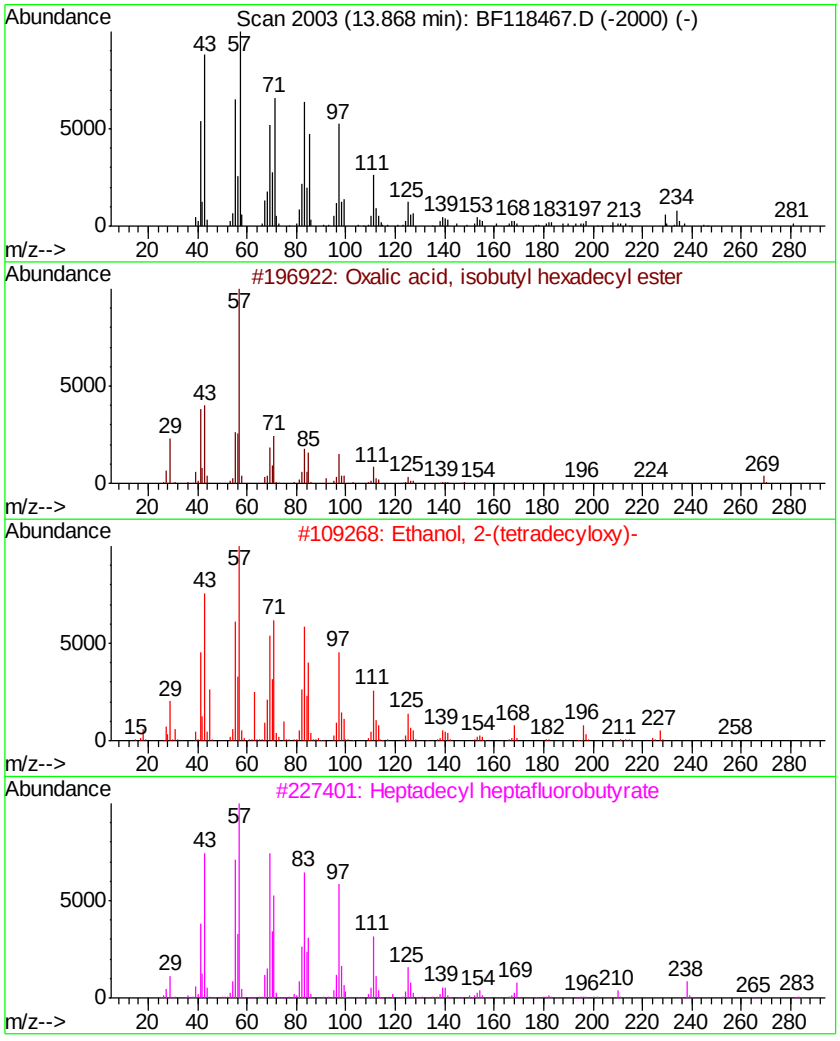
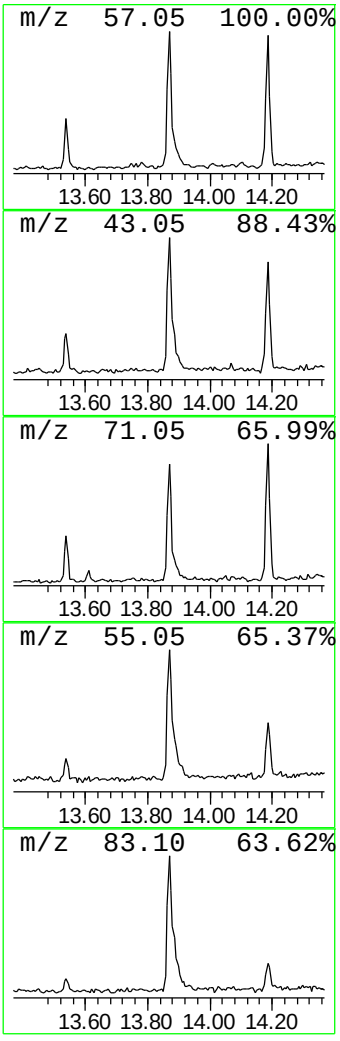
Peak Number 5 Oxalic acid, isobutyl hexad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	8.52 ng	371859	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	89
4	Cyclotetradecane	196	C14H28	000295-17-0	87
5	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
Data File : BF118467.D
Acq On : 3 Jan 2020 20:05
Operator : JU
Sample : K6472-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K309-WC-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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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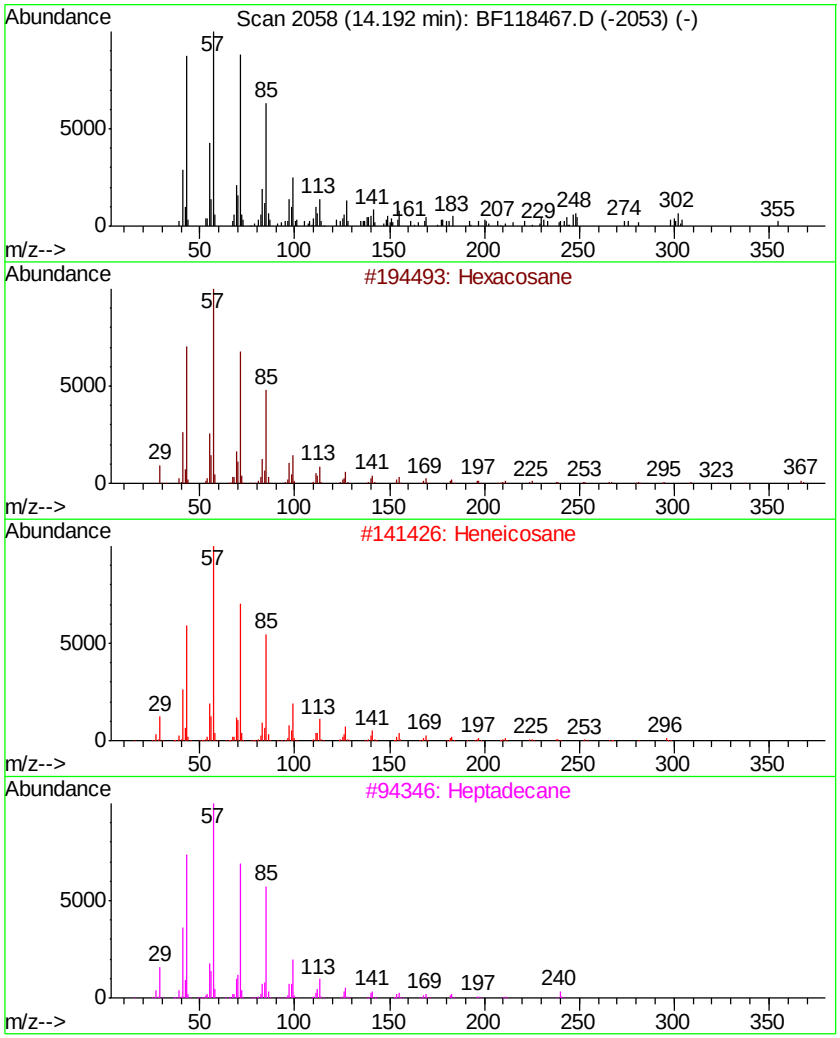
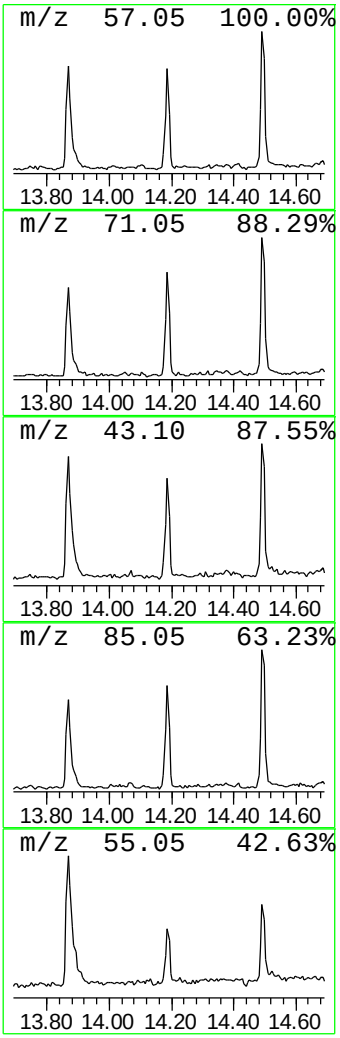
Peak Number 6 Hexacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	3.46 ng	150778	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Eicosane	282	C20H42	000112-95-8	90
5	Octacosane	394	C28H58	000630-02-4	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
Data File : BF118467.D
Acq On : 3 Jan 2020 20:05
Operator : JU
Sample : K6472-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K309-WC-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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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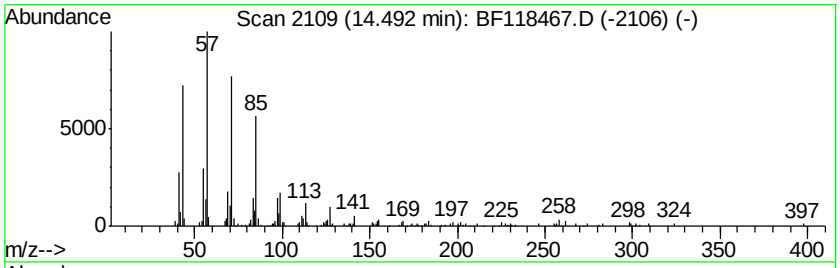
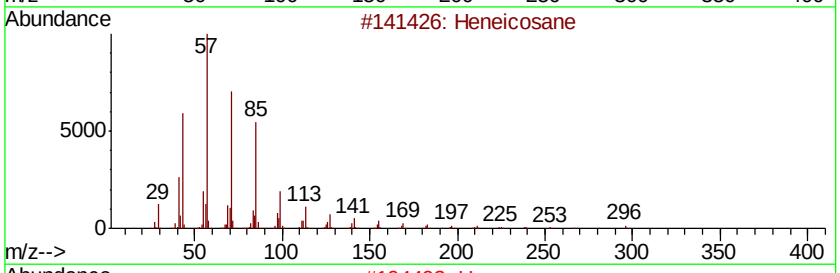
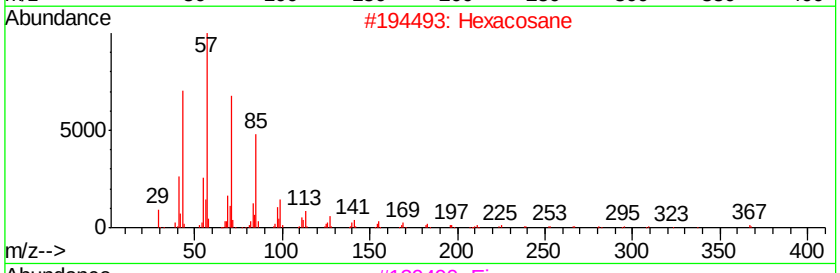
Peak Number 7 Heneicosane Concentration Rank 9

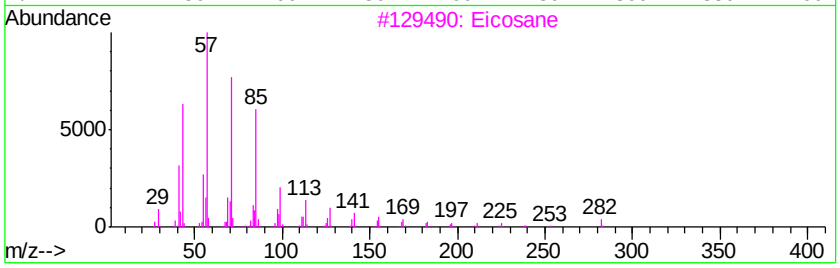
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	4.55 ng	198670	Chrysene-d12	14.04

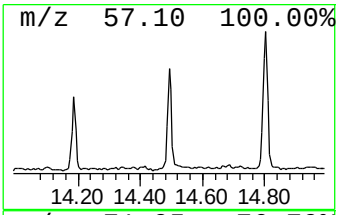
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Heptadecane	240	C17H36	000629-78-7	90

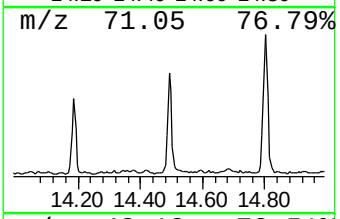


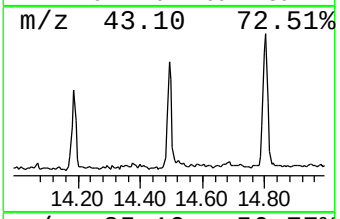


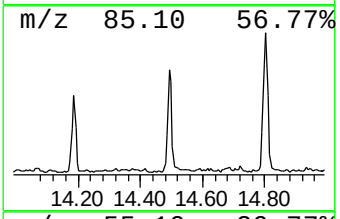


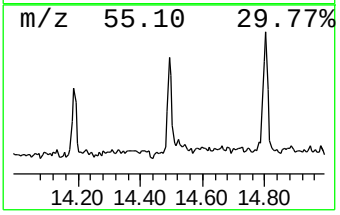












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
Data File : BF118467.D
Acq On : 3 Jan 2020 20:05
Operator : JU
Sample : K6472-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K309-WC-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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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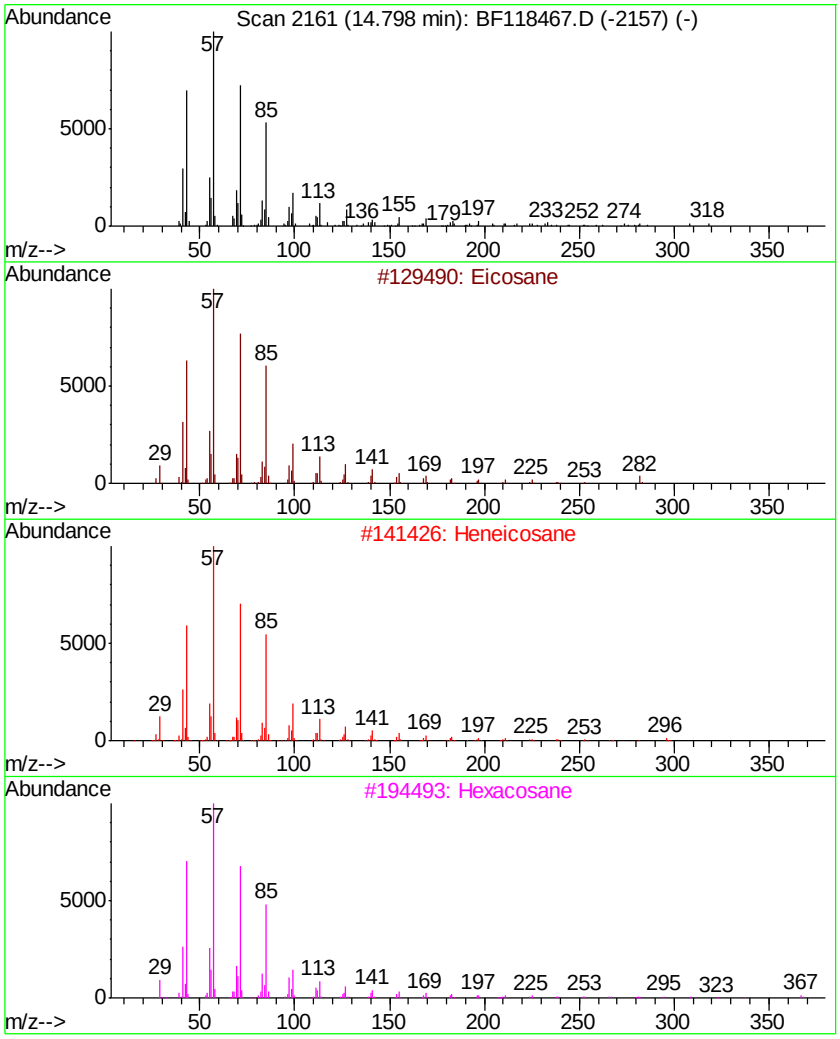
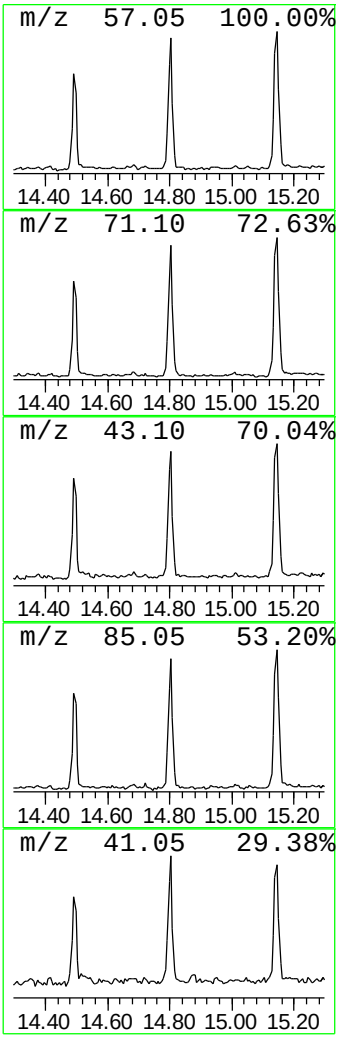
Peak Number 8 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	6.59 ng	301040	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





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Data File : BF118467.D
Acq On : 3 Jan 2020 20:05
Operator : JU
Sample : K6472-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K309-WC-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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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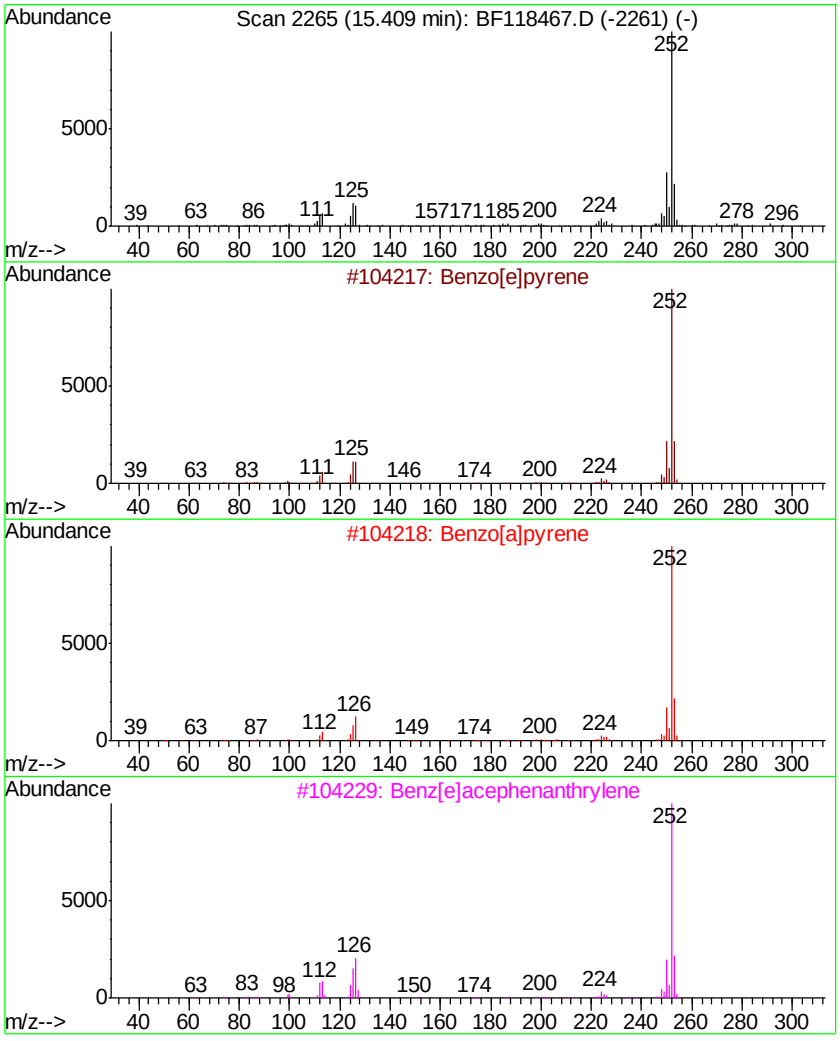
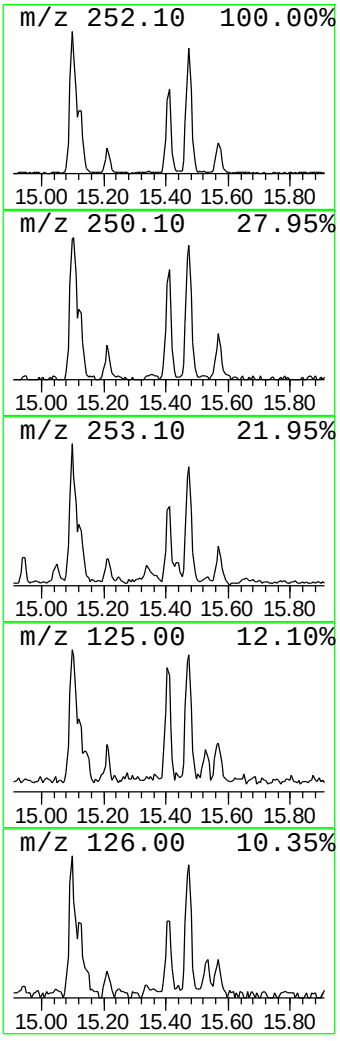
Peak Number 9 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.41	3.34 ng	152503	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[a]pyrene	252	C20H12	000050-32-8	94
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Perylene	252	C20H12	000198-55-0	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94





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Sample : K6472-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K309-WC-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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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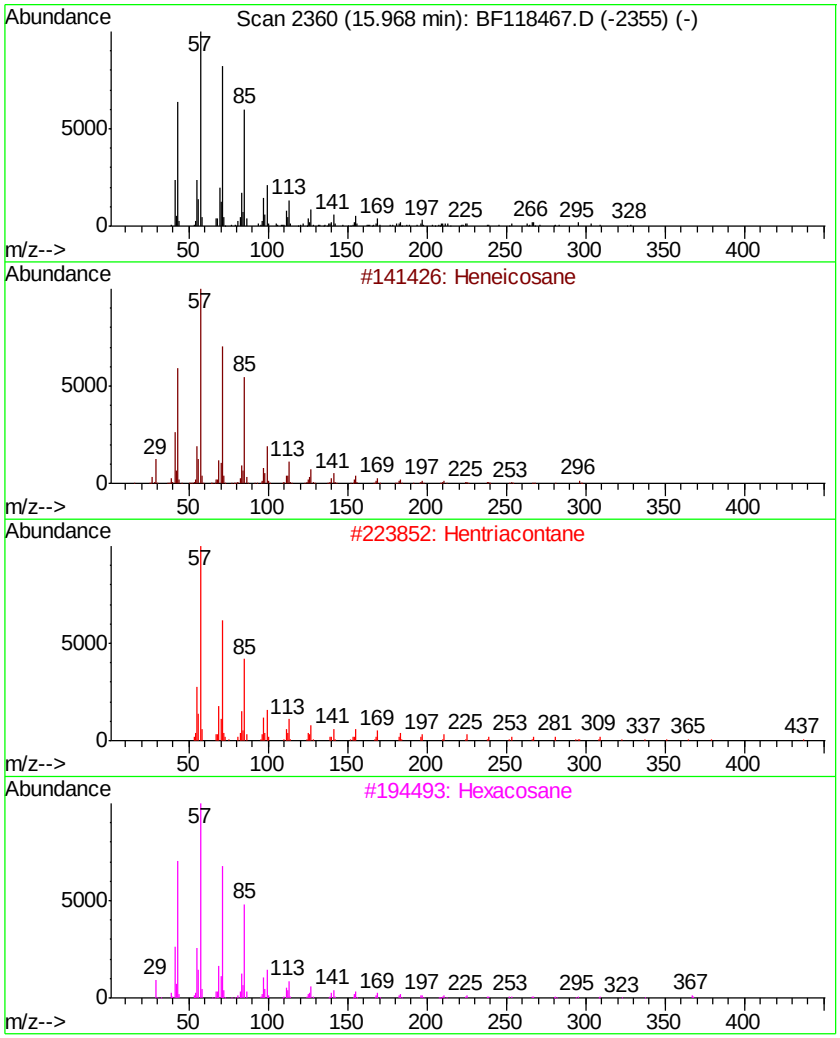
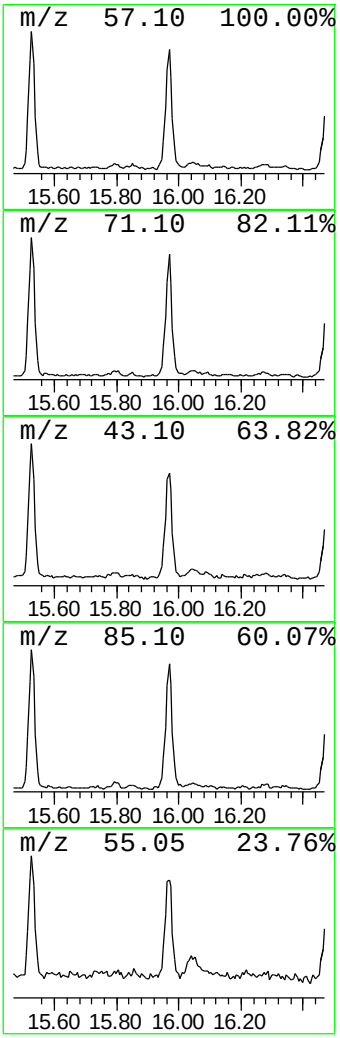
Peak Number 10 Hentriacontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	8.37 ng	382367	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hentriacontane	437	C31H64	000630-04-6	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Triacontane	422	C30H62	000638-68-6	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





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Data File : BF118467.D
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Operator : JU
Sample : K6472-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K309-WC-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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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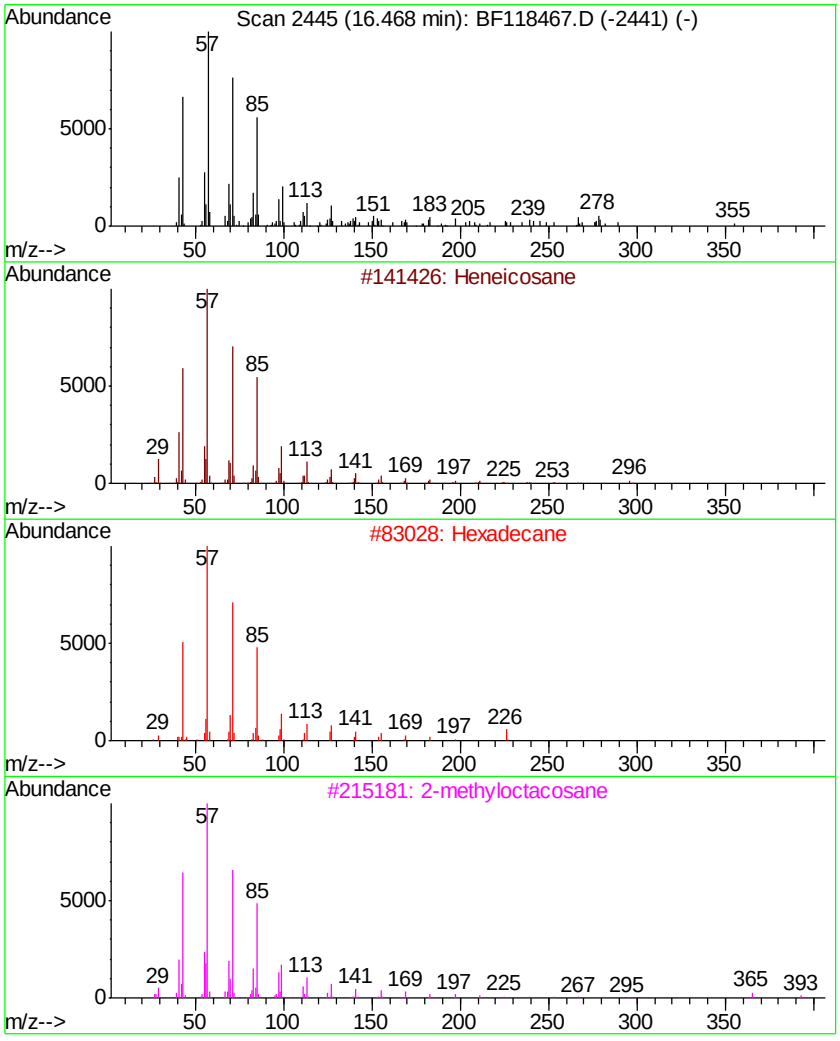
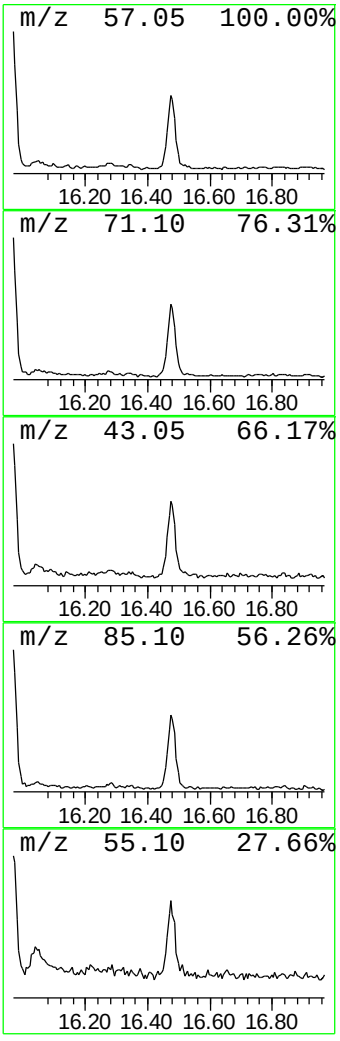
Peak Number 11 2-methyloctacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	6.78 ng	309720	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Hexadecane	226	C16H34	000544-76-3	93
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Docosane, 11-decyl-	451	C32H66	055401-55-3	91
5	Pentacosane	352	C25H52	000629-99-2	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
Data File : BF118467.D
Acq On : 3 Jan 2020 20:05
Operator : JU
Sample : K6472-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K309-WC-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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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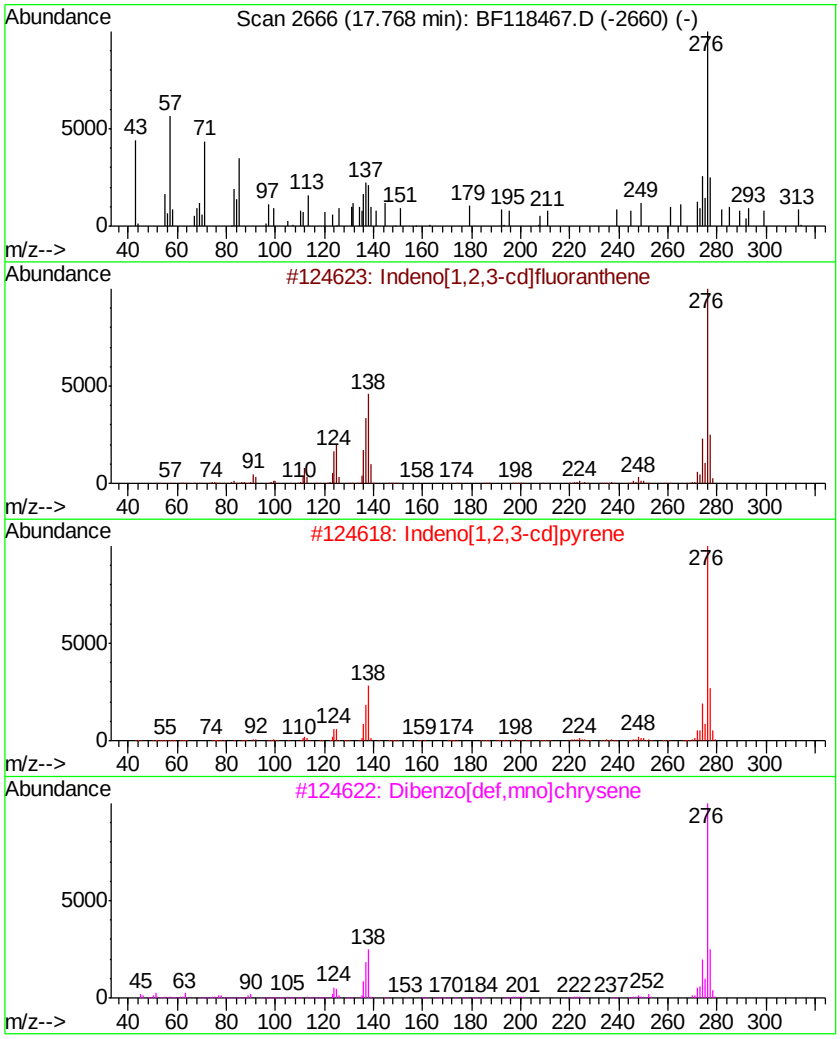
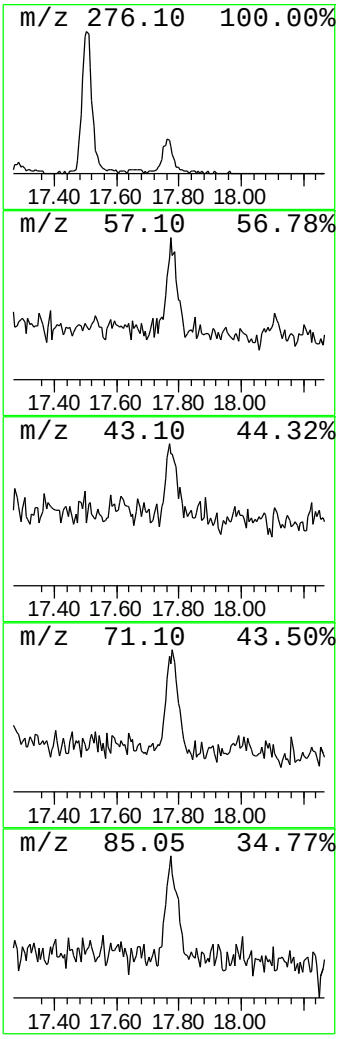
Peak Number 12 Indeno[1,2,3-cd]fluoranthene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	2.18 ng	99850	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	58
2	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	52
3	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	52
4	Benzo[ghi]perylene	276	C22H12	000191-24-2	49
5	Benzo[4,5]imidazo[2,1-c][1,2,4]t...	276	C17H16N4	1000302-82-6	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF010320\
Data File : BF118467.D
Acq On : 3 Jan 2020 20:05
Operator : JU
Sample : K6472-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K309-WC-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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...	5.05	10.5	ng	206316	1	6.85	393857	20.0
unknown6.62	6.62	74.0	ng	1457180	1	6.85	393857	20.0
n-Hexadecanoic acid	11.91	7.6	ng	250237	4	11.39	658740	20.0
Oxalic acid, isob...	13.87	8.5	ng	371859	5	14.04	872773	20.0
Hexacosane	14.19	3.5	ng	150778	5	14.04	872773	20.0
Heneicosane	14.49	4.5	ng	198670	5	14.04	872773	20.0
Eicosane	14.80	6.6	ng	301040	6	15.54	914103	20.0
Benzo[e]pyrene	15.41	3.3	ng	152503	6	15.54	914103	20.0
Hentriacontane	15.97	8.4	ng	382367	6	15.54	914103	20.0
2-methyloctacosane	16.47	6.8	ng	309720	6	15.54	914103	20.0
Indeno[1,2,3-cd]f...	17.77	2.2	ng	99850	6	15.54	914103	20.0