LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119435.D
Acq On : 19 Mar 2020 00:49
Operator : CG/JU
Sample : L1943-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9A

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-BF031820.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	2.163	8	13	23	rVB	249830	379567	4.57%	0.499%
2	5.081	505	509	516	rVB	96150	120436	1.45%	0.158%
3	5.469	569	575	578	rBV	7975438	7997375	96.27%	10.513%
4	6.475	740	746	749	rBV	7092987	7878753	94.84%	10.357%
5	6.851	807	810	814	rBV	2463106	2165335	26.07%	2.846%
6	7.010	833	837	841	rBV	6860855	6177497	74.36%	8.120%
7	7.416	900	906	909	rBV	5297918	5143626	61.92%	6.761%
8	8.139	1024	1029	1032	rBV	3305588	2832630	34.10%	3.724%
9	9.222	1207	1213	1216	rBV	8824851	8307309	100.00%	10.920%
10	9.610	1276	1279	1282	rBV	813615	592283	7.13%	0.779%
11	9.898	1319	1328	1331	rBV	3500448	2920660	35.16%	3.839%
12	9.927	1331	1333	1337	rVB	234531	185701	2.24%	0.244%
13	10.098	1358	1362	1365	rBV	188874	170006	2.05%	0.223%
14	10.316	1392	1399	1401	rBV	128487	127542	1.54%	0.168%
15	10.445	1417	1421	1427	rVB	285435	240150	2.89%	0.316%
16	10.686	1456	1462	1465	rBV	5318841	4763280	57.34%	6.261%
17	11.280	1561	1563	1568	rVB	111155	93637	1.13%	0.123%
18	11.386	1577	1581	1583	rBV	3187826	2759336	33.22%	3.627%
19	11.410	1583	1585	1588	rVV	1801602	1323127	15.93%	1.739%
20	11.457	1588	1593	1596	rVB	550125	484634	5.83%	0.637%
21	11.610	1613	1619	1622	rBV2	130411	131352	1.58%	0.173%
22	11.886	1660	1666	1668	rBV	170516	154862	1.86%	0.204%
23	11.915	1668	1671	1675	rVB	448622	421993	5.08%	0.555%
24	11.957	1675	1678	1682	rVB2	103441	106924	1.29%	0.141%
25	11.998	1682	1685	1687	rBV	294410	281345	3.39%	0.370%
26	12.180	1713	1716	1718	rBV	122930	106249	1.28%	0.140%
27	12.433	1755	1759	1763	rBV	74891	90759	1.09%	0.119%
28	12.480	1763	1767	1771	rVB4	93628	127872	1.54%	0.168%
29	12.598	1783	1787	1790	rBV	1946578	1587228	19.11%	2.086%
30	12.698	1801	1804	1807	rBV2	140451	141693	1.71%	0.186%
31	12.827	1819	1826	1829	rBV	1496282	1532362	18.45%	2.014%
32	12.974	1847	1851	1854	rVB	6923538	6132673	73.82%	8.062%
33	13.045	1858	1863	1866	rBV3	82402	143000	1.72%	0.188%
34	13.157	1879	1882	1884	rVB	188592	175401	2.11%	0.231%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119435.D
Acq On : 19 Mar 2020 00:49
Operator : CG/JU
Sample : L1943-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9A

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-BF031820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.221	1889	1893	1895	rBV2	174279	193992	2.34%	0.255%
36	13.257	1895	1899	1902	rVV2	120868	117640	1.42%	0.155%
37	13.774	1982	1987	1989	rBV2	93495	125331	1.51%	0.165%
38	13.868	1999	2003	2009	rBV2	649847	684715	8.24%	0.900%
39	14.021	2024	2029	2032	rBV2	2092707	2469445	29.73%	3.246%
40	14.051	2032	2034	2039	rVB	553306	466795	5.62%	0.614%
41	14.127	2045	2047	2051	rVB	110811	101289	1.22%	0.133%
42	14.204	2056	2060	2063	rVB2	156600	174827	2.10%	0.230%
43	14.409	2091	2095	2098	rBV	93596	97525	1.17%	0.128%
44	14.504	2108	2111	2114	rBV2	302931	285690	3.44%	0.376%
45	14.815	2161	2164	2171	rVB	252537	265727	3.20%	0.349%
46	15.062	2202	2206	2209	rBV2	437997	654840	7.88%	0.861%
47	15.162	2219	2223	2230	rVB2	271036	392600	4.73%	0.516%
48	15.368	2254	2258	2263	rVB	267455	333584	4.02%	0.439%
49	15.427	2264	2268	2272	rVV	420245	472319	5.69%	0.621%
50	15.498	2275	2280	2283	rVV	1477522	1852952	22.31%	2.436%
51	15.545	2286	2288	2293	rVB	236209	269107	3.24%	0.354%
52	15.992	2359	2364	2368	rBV2	161677	255603	3.08%	0.336%
53	16.033	2368	2371	2379	rVB4	102873	199002	2.40%	0.262%
54	16.503	2447	2451	2461	rBV2	86759	176512	2.12%	0.232%
55	16.956	2522	2528	2538	rVB2	183407	382215	4.60%	0.502%
56	17.186	2564	2567	2573	rBV5	47318	90797	1.09%	0.119%
57	17.392	2597	2602	2608	rVB2	114434	214329	2.58%	0.282%

Sum of corrected areas: 76073433

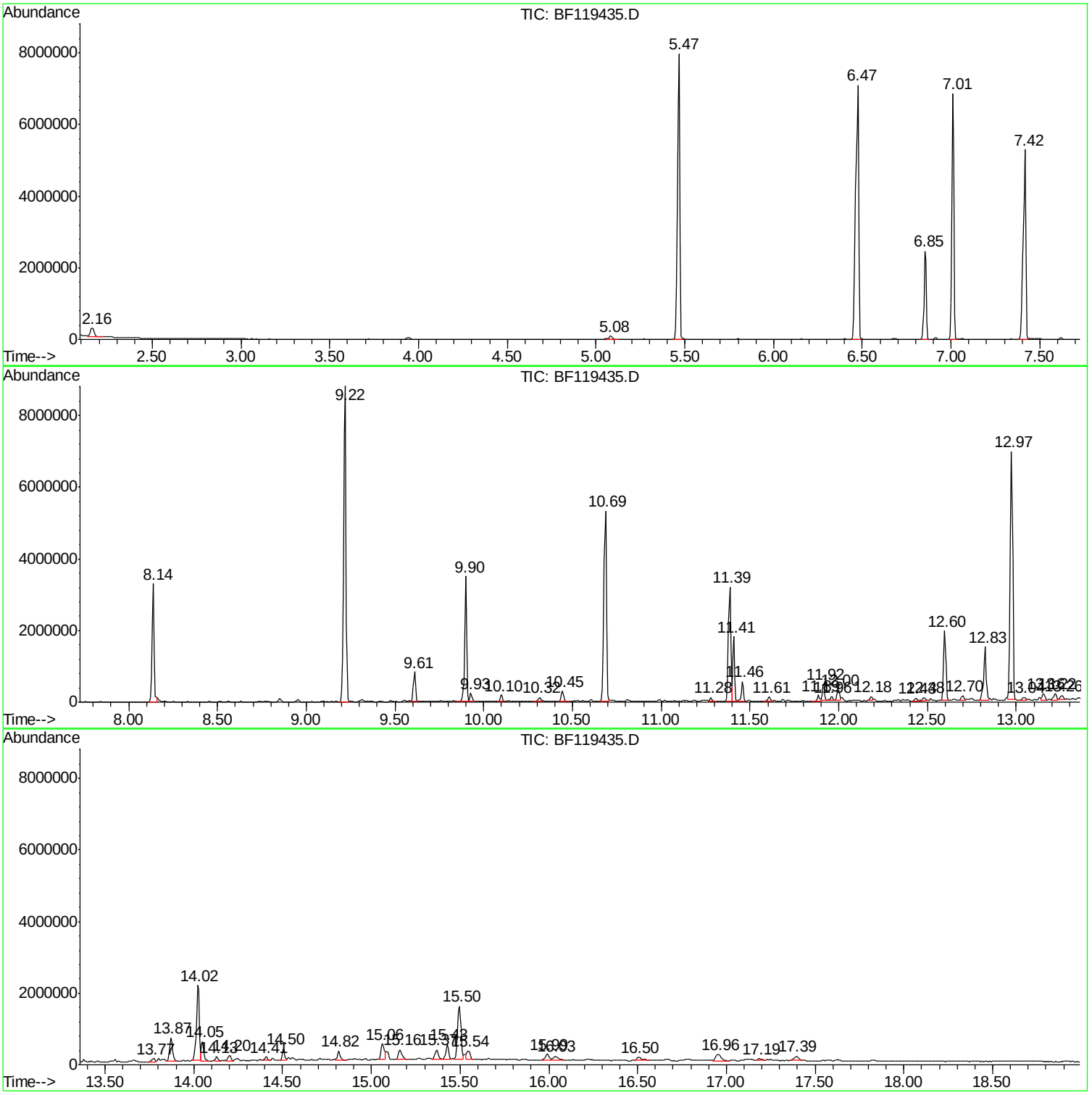
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119435.D
Acq On : 19 Mar 2020 00:49
Operator : CG/JU
Sample : L1943-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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\BF031820\
Data File : BF119435.D
Acq On : 19 Mar 2020 00:49
Operator : CG/JU
Sample : L1943-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

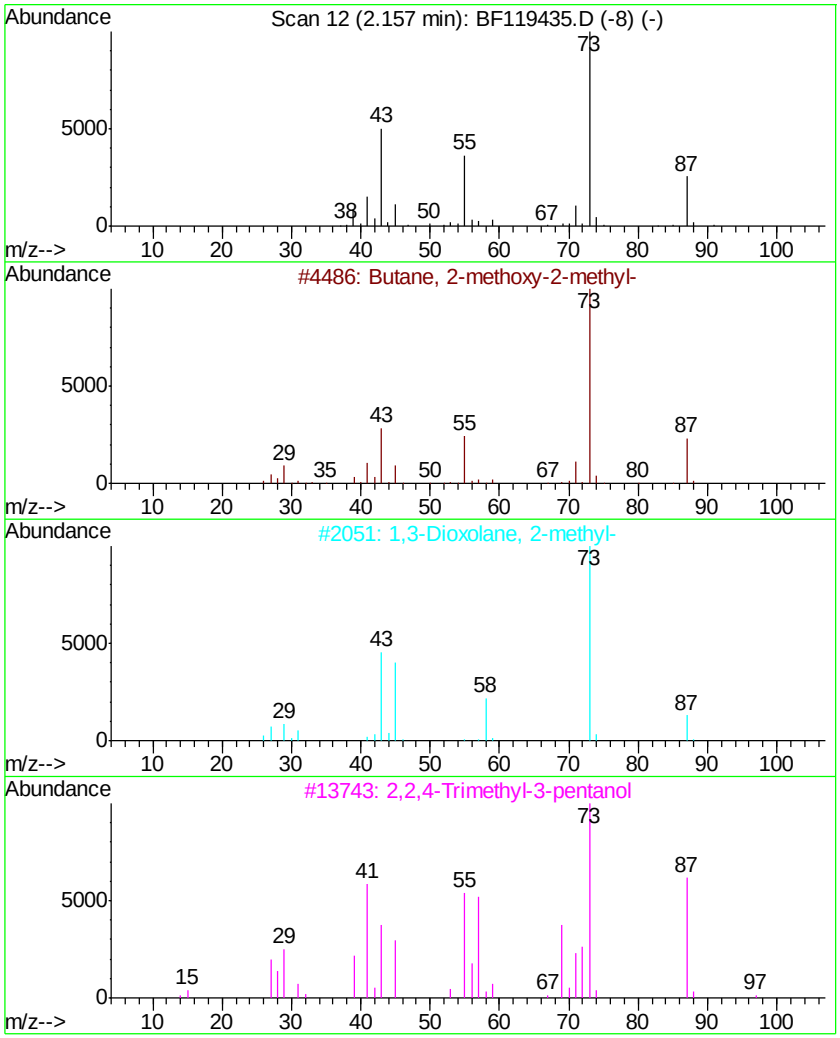
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

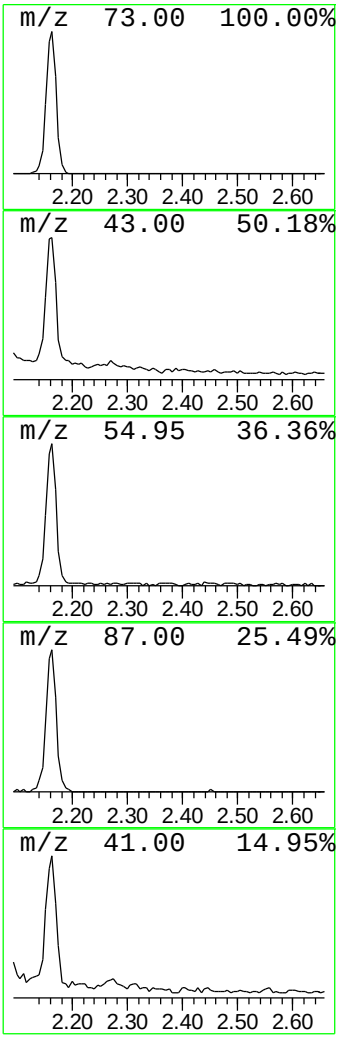
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	3.51 ng	379567	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	47
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	23





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119435.D
Acq On : 19 Mar 2020 00:49
Operator : CG/JU
Sample : L1943-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

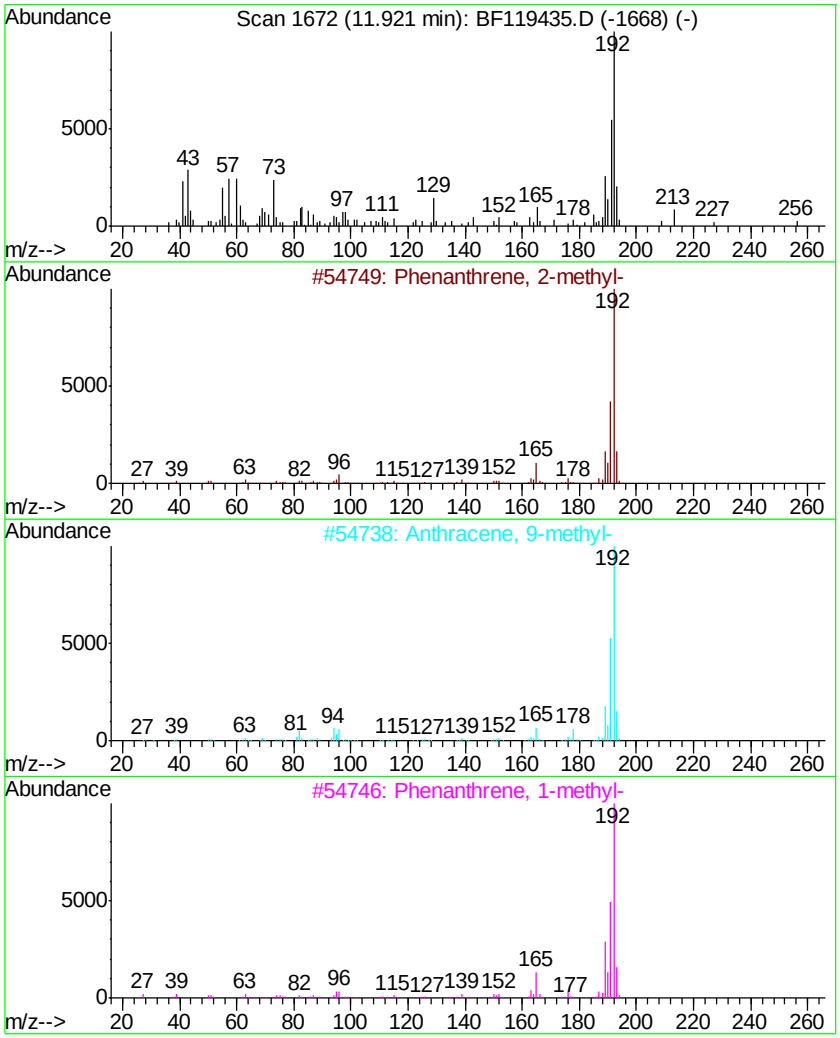
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

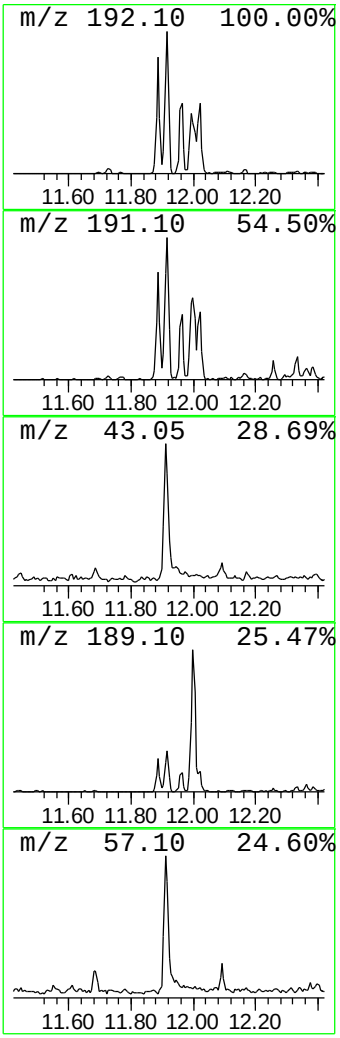
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	3.06 ng	421993	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	91
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119435.D
Acq On : 19 Mar 2020 00:49
Operator : CG/JU
Sample : L1943-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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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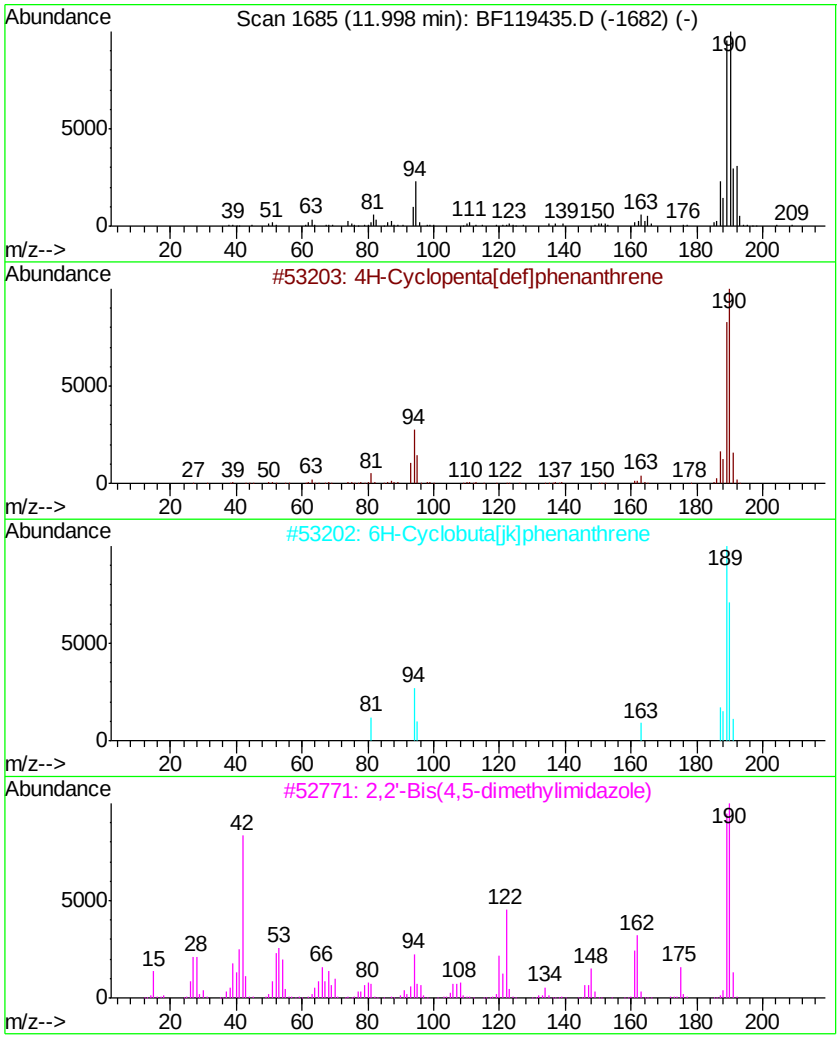
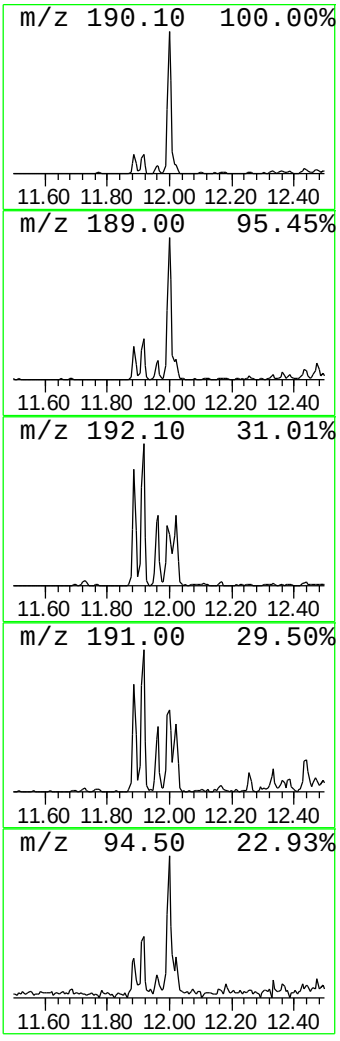
Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	2.04 ng	281345	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25
5	2-Naphthaldehyde, 1,2,3,4-tetrah...	190	C12H14O2	002472-02-8	18





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119435.D
Acq On : 19 Mar 2020 00:49
Operator : CG/JU
Sample : L1943-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

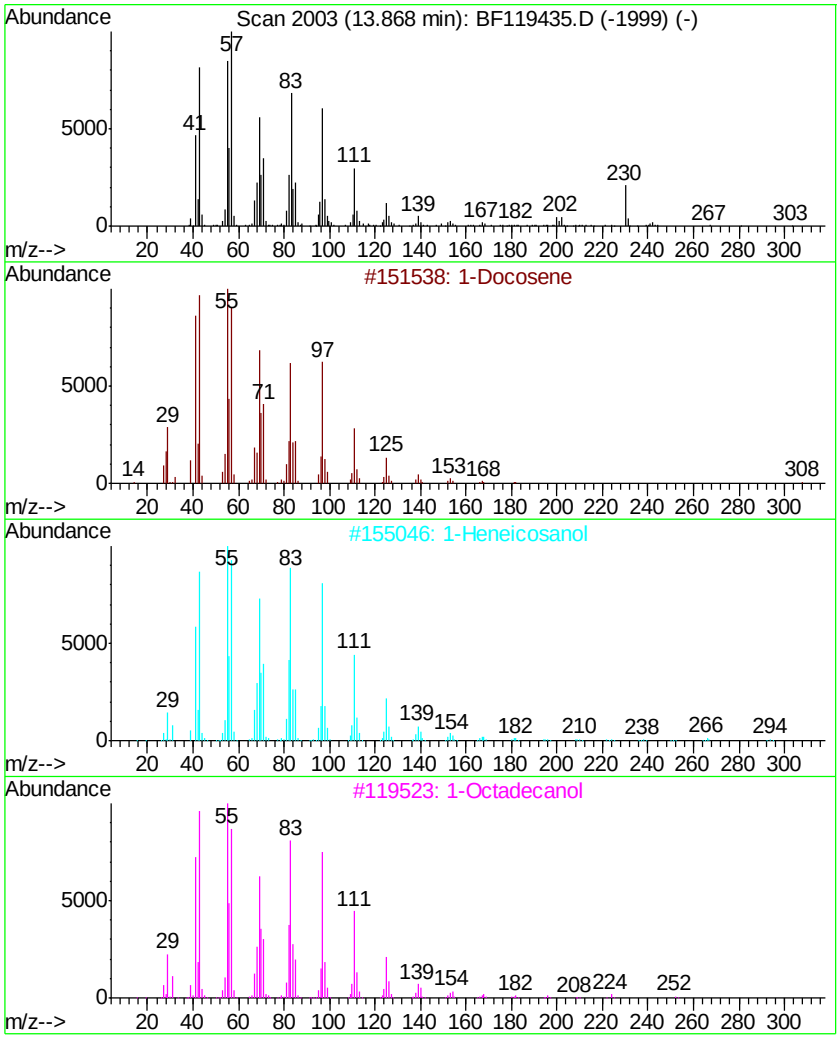
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

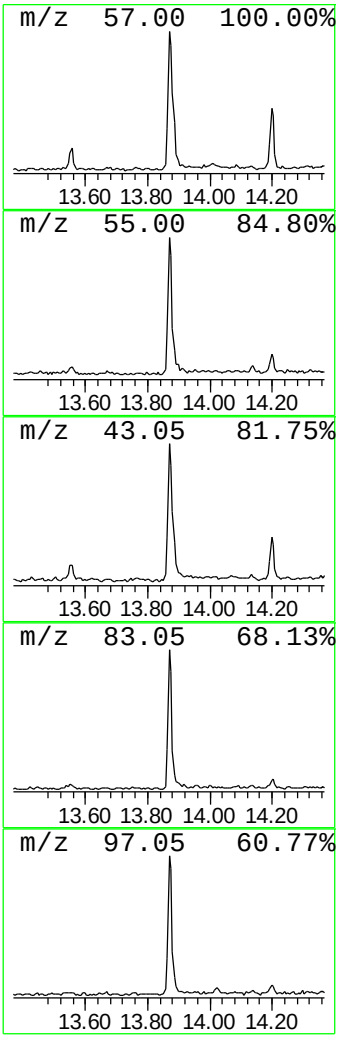
****

Peak Number 5 1-Docosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	5.55 ng	684715	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	93
2	1-Heneicosanol	312	C21H44O	015594-90-8	90
3	1-Octadecanol	270	C18H38O	000112-92-5	87
4	1-Hexadecanol	242	C16H34O	036653-82-4	87
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119435.D
Acq On : 19 Mar 2020 00:49
Operator : CG/JU
Sample : L1943-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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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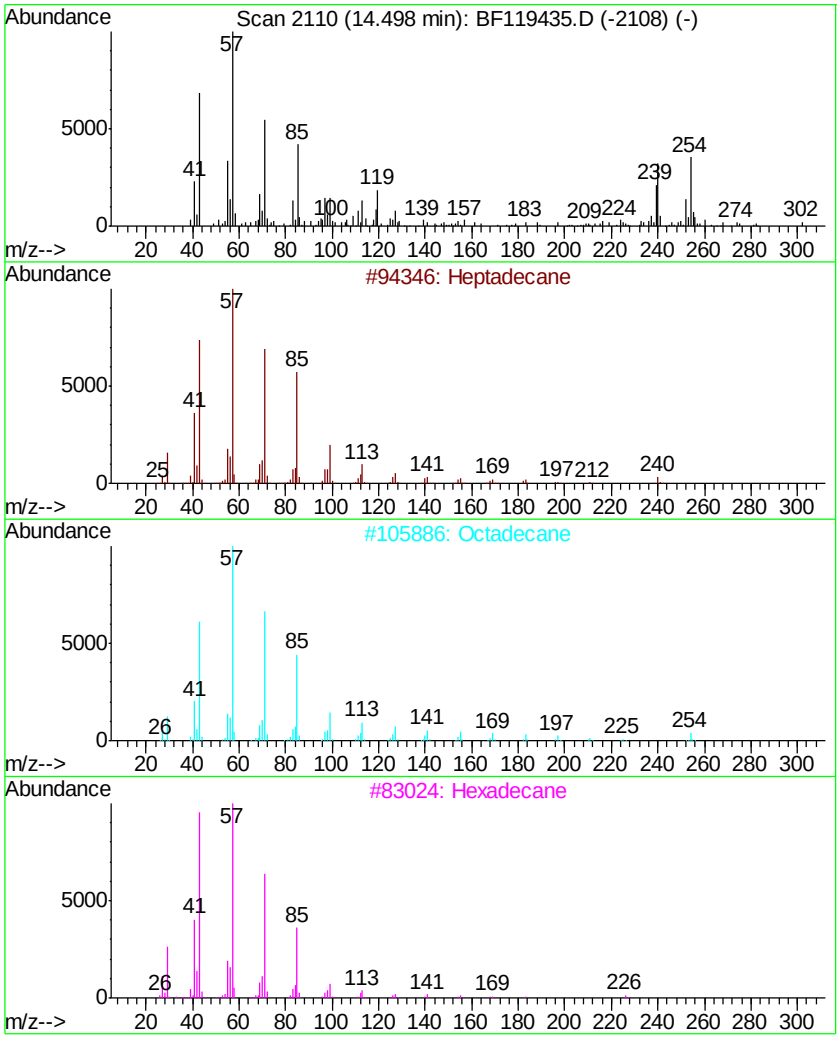
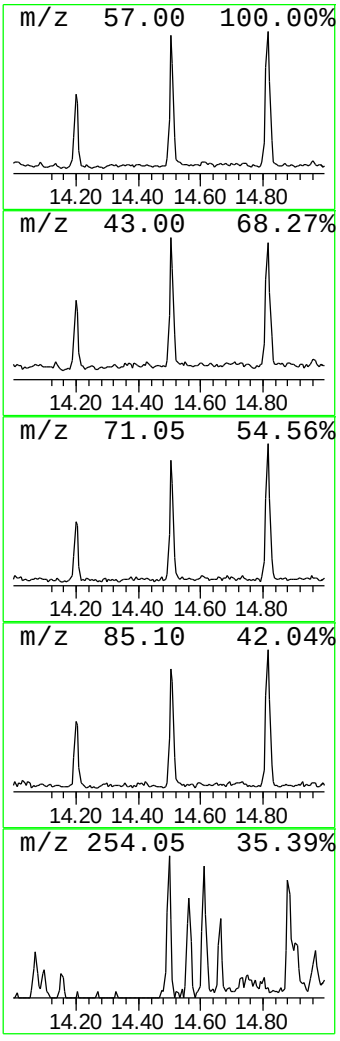
Peak Number 6 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	2.31 ng	285690	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	89
2	Octadecane	254	C18H38	000593-45-3	83
3	Hexadecane	226	C16H34	000544-76-3	78
4	Heptacosane	380	C27H56	000593-49-7	62
5	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	62





Library Search Compound Report

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Data File : BF119435.D
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Sample : L1943-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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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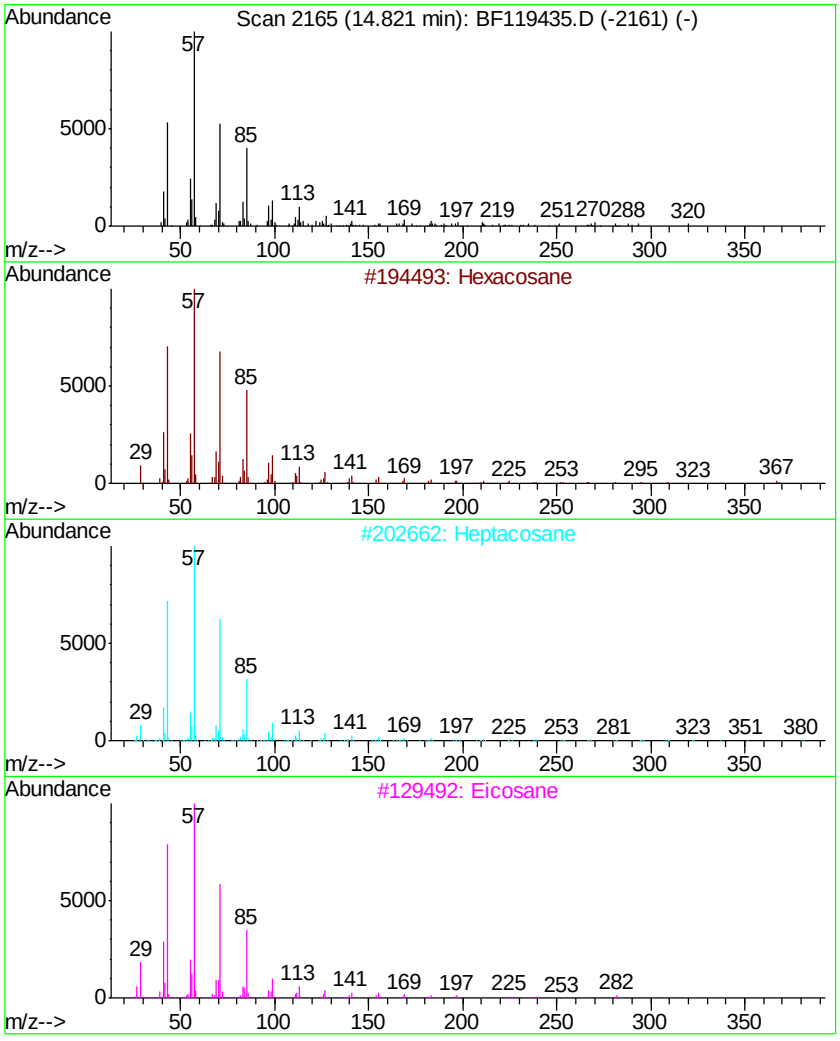
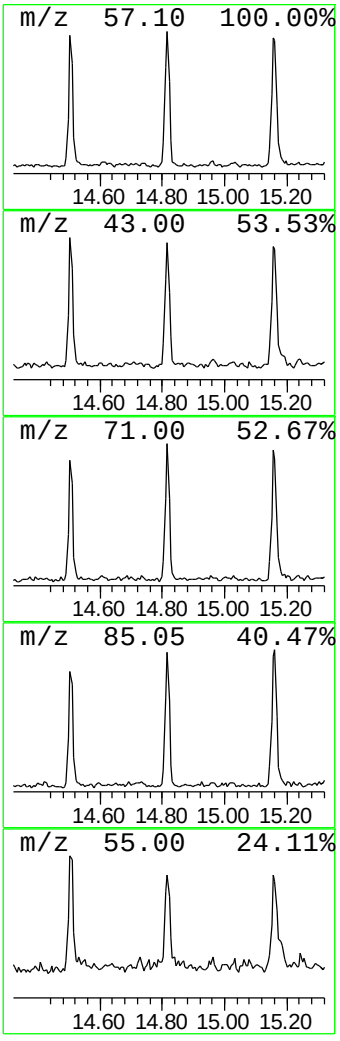
Peak Number 7 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	2.87 ng	265727	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Heptacosane	380	C27H56	000593-49-7	90
3	Eicosane	282	C20H42	000112-95-8	87
4	Nonadecane	268	C19H40	000629-92-5	87
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119435.D
Acq On : 19 Mar 2020 00:49
Operator : CG/JU
Sample : L1943-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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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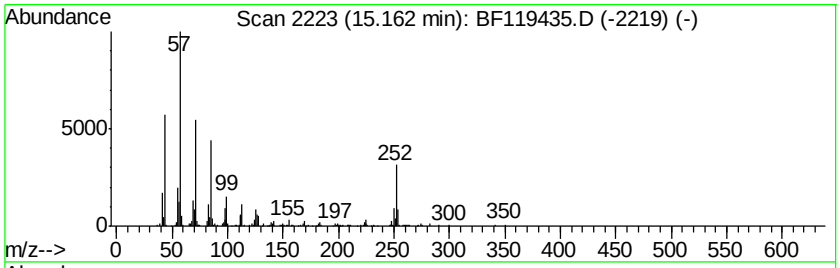
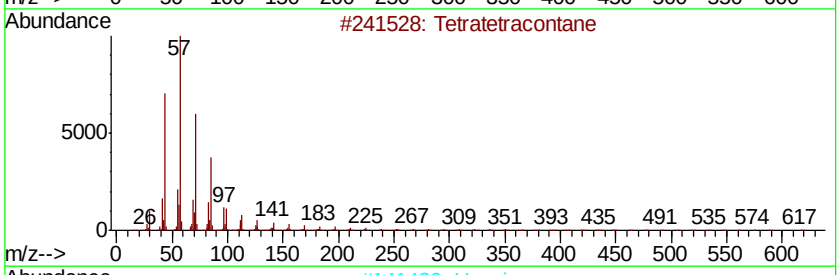
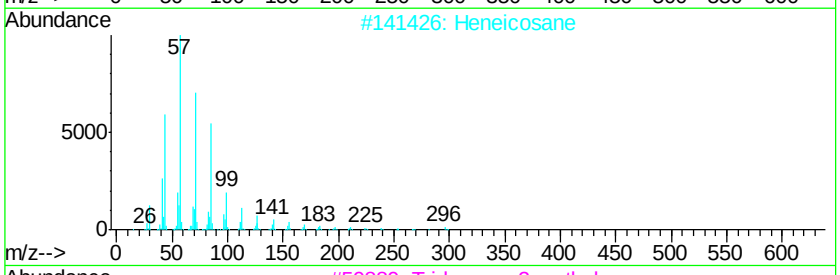
Peak Number 8 Tetratetracontane Concentration Rank 3

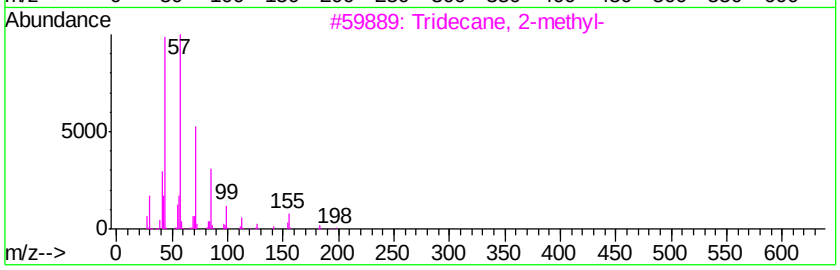
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	4.24 ng	392600	Perylene-d12	15.50

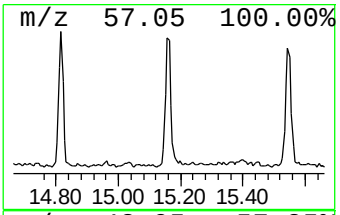
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	64
2	Heneicosane	296	C21H44	000629-94-7	62
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	58
4	Hentriacontane	437	C31H64	000630-04-6	58
5	Hexatriacontane	507	C36H74	000630-06-8	58

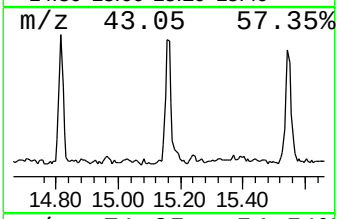


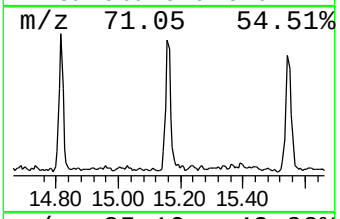


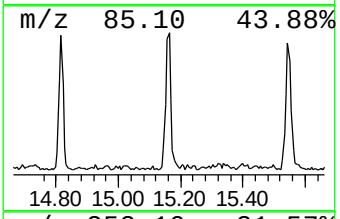


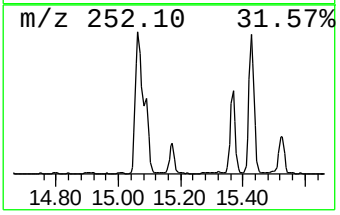












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119435.D
Acq On : 19 Mar 2020 00:49
Operator : CG/JU
Sample : L1943-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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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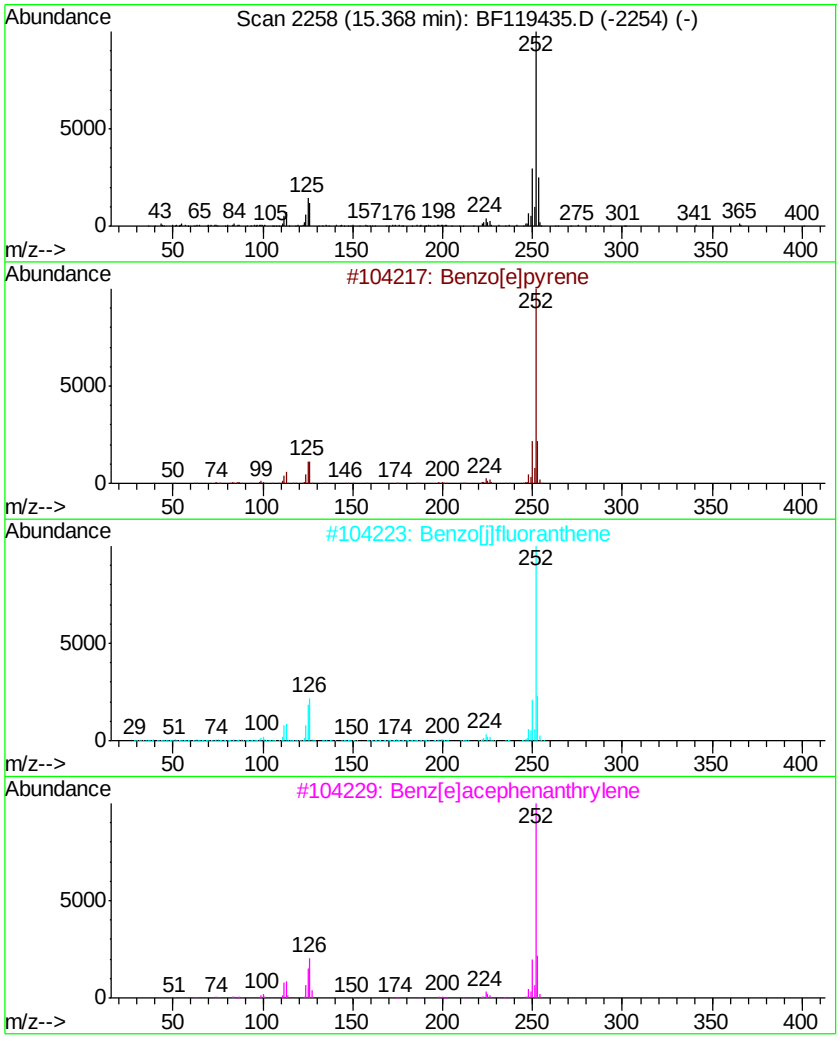
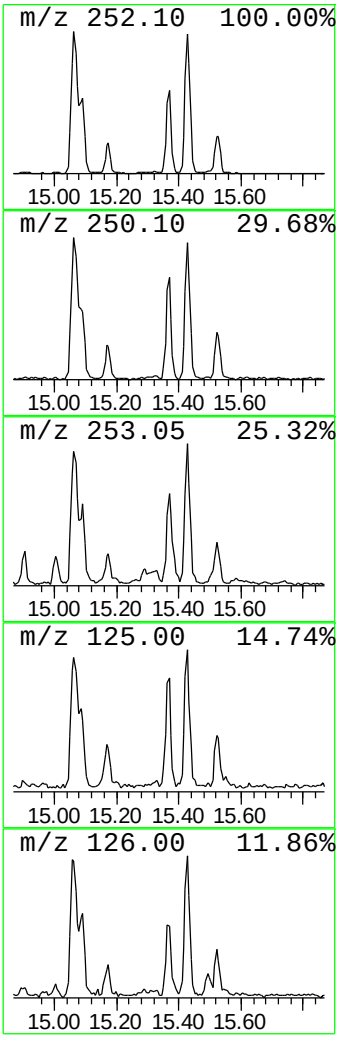
Peak Number 9 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	3.60 ng	333584	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





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Data File : BF119435.D
Acq On : 19 Mar 2020 00:49
Operator : CG/JU
Sample : L1943-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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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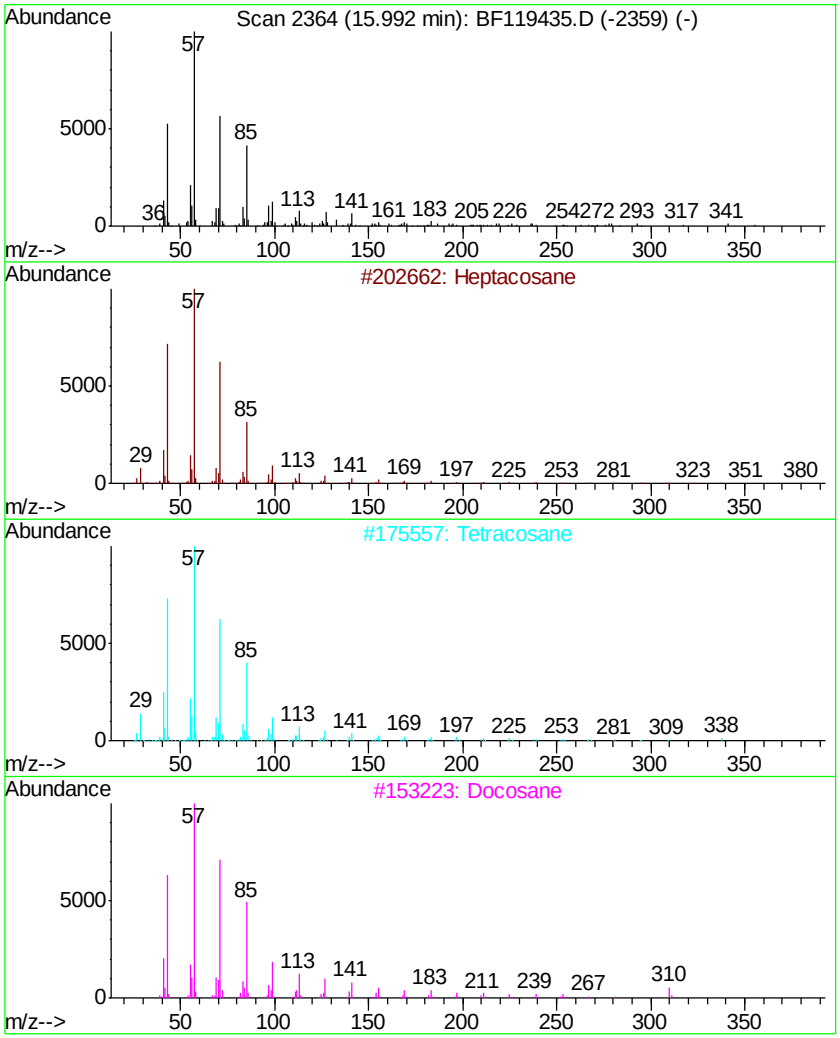
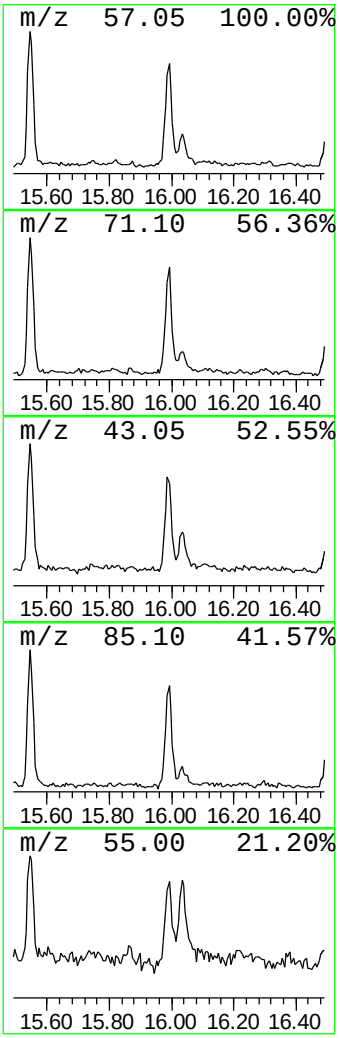
Peak Number 10 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	2.76 ng	255603	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	83
2	Tetracosane	338	C24H50	000646-31-1	80
3	Docosane	310	C22H46	000629-97-0	80
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	80
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119435.D
Acq On : 19 Mar 2020 00:49
Operator : CG/JU
Sample : L1943-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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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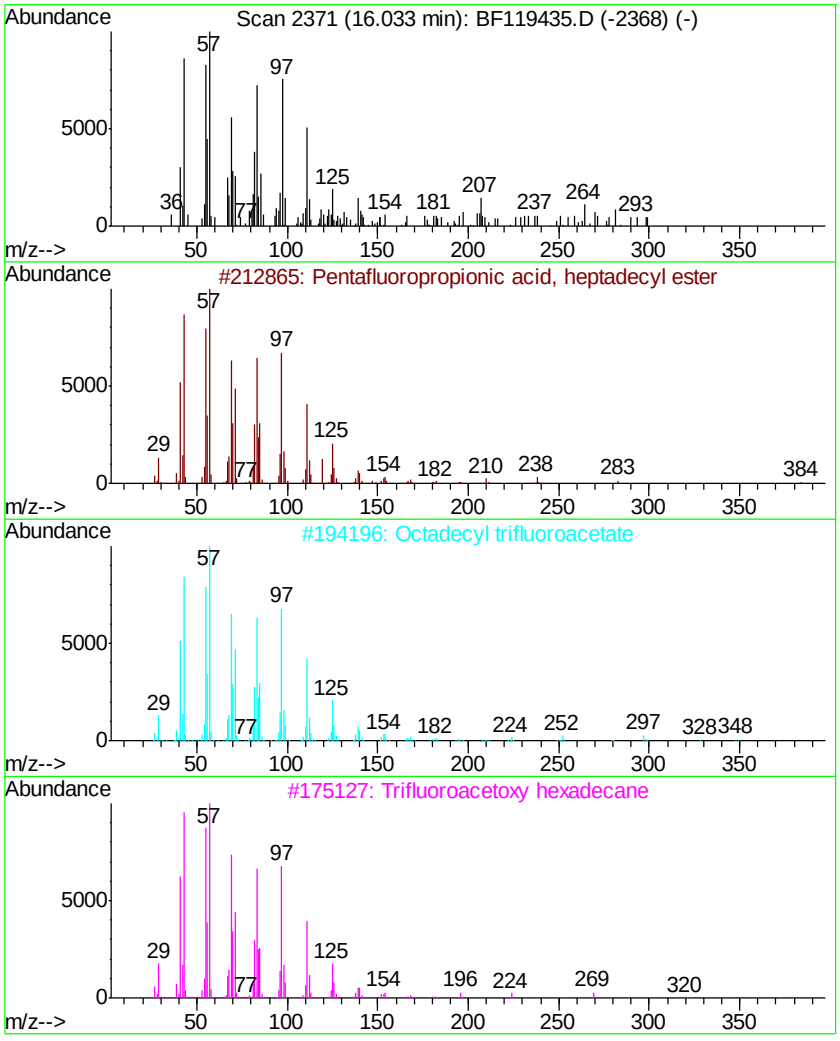
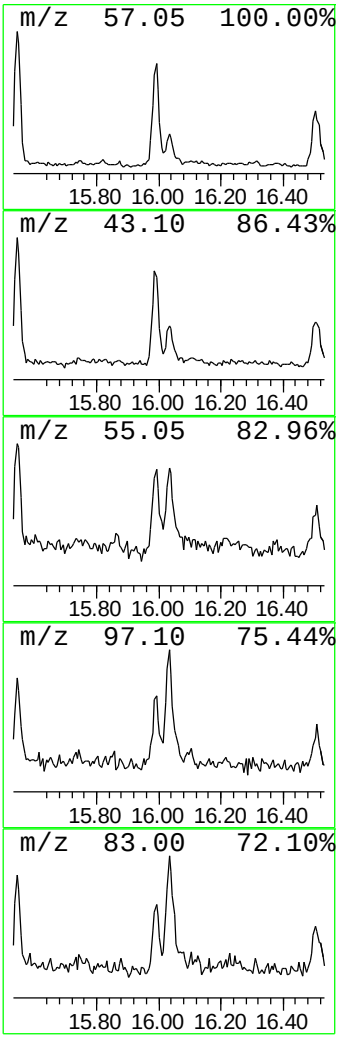
Peak Number 11 Pentafluoropropionic acid, ... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	2.15 ng	199002	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	83
2	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	83
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	80
4	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	80
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031820\
Data File : BF119435.D
Acq On : 19 Mar 2020 00:49
Operator : CG/JU
Sample : L1943-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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...	2.16	3.5	ng	379567	1	6.85	2165340	20.0
Phenanthrene, 2-m...	11.92	3.1	ng	421993	4	11.39	2759340	20.0
4H-Cyclopenta[def...	12.00	2.0	ng	281345	4	11.39	2759340	20.0
1-Docosene	13.87	5.5	ng	684715	5	14.03	2469450	20.0
Heptadecane	14.50	2.3	ng	285690	5	14.03	2469450	20.0
Hexacosane	14.82	2.9	ng	265727	6	15.50	1852950	20.0
Tetratetracontane	15.16	4.2	ng	392600	6	15.50	1852950	20.0
Benzo[e]pyrene	15.37	3.6	ng	333584	6	15.50	1852950	20.0
Tetracosane	15.99	2.8	ng	255603	6	15.50	1852950	20.0
Pentafluoropropio...	16.03	2.1	ng	199002	6	15.50	1852950	20.0