LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119429.D
Acq On : 18 Mar 2020 21:55
Operator : CG/JU
Sample : L1907-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-SA

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	2.169	10	14	20	rVB	188336	258300	3.19%	0.371%
2	5.081	501	509	515	rVB	163152	207780	2.57%	0.298%
3	5.469	569	575	578	rBV	8012108	8095267	100.00%	11.629%
4	6.475	740	746	749	rBV	7212104	7961748	98.35%	11.437%
5	6.851	807	810	814	rBV	2480747	2123933	26.24%	3.051%
6	7.010	833	837	840	rBV	6871385	6154699	76.03%	8.841%
7	7.416	900	906	909	rBV	5433105	5232548	64.64%	7.517%
8	8.139	1024	1029	1032	rBV	3218699	2760708	34.10%	3.966%
9	9.222	1207	1213	1216	rBV	8356845	8001307	98.84%	11.494%
10	9.304	1223	1227	1231	rBV2	100921	125444	1.55%	0.180%
11	9.610	1276	1279	1282	rBV	1148231	842653	10.41%	1.211%
12	9.833	1314	1317	1320	rVB	124525	86976	1.07%	0.125%
13	9.898	1321	1328	1331	rVV	3601105	2969689	36.68%	4.266%
14	9.927	1331	1333	1337	rVB	124824	103067	1.27%	0.148%
15	10.333	1399	1402	1405	rVB	112474	93512	1.16%	0.134%
16	10.445	1417	1421	1426	rBV	117028	119844	1.48%	0.172%
17	10.686	1456	1462	1465	rBV	5537959	5052681	62.42%	7.258%
18	10.810	1480	1483	1491	rVB	135807	163906	2.02%	0.235%
19	11.280	1561	1563	1569	rVB2	73344	84610	1.05%	0.122%
20	11.386	1577	1581	1583	rBV	3421070	2879327	35.57%	4.136%
21	11.410	1583	1585	1588	rVV	783215	602205	7.44%	0.865%
22	11.457	1588	1593	1596	rVB	248741	226403	2.80%	0.325%
23	11.610	1614	1619	1622	rBV2	81617	95113	1.17%	0.137%
24	11.886	1661	1666	1668	rBV	100658	101916	1.26%	0.146%
25	11.910	1668	1670	1675	rVB	438080	411059	5.08%	0.591%
26	11.998	1681	1685	1687	rBV	166879	162411	2.01%	0.233%
27	12.480	1763	1767	1771	rVB3	79541	96221	1.19%	0.138%
28	12.598	1783	1787	1790	rBV	781207	653883	8.08%	0.939%
29	12.698	1801	1804	1807	rBV2	99217	101832	1.26%	0.146%
30	12.827	1819	1826	1828	rBV2	514682	604447	7.47%	0.868%
31	12.974	1847	1851	1854	rVB	7103356	6347255	78.41%	9.118%
32	13.157	1879	1882	1884	rVB	99091	93787	1.16%	0.135%
33	13.215	1889	1892	1895	rVV2	107819	123100	1.52%	0.177%
34	13.557	1943	1950	1952	rBV2	107018	130400	1.61%	0.187%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119429.D
Acq On : 18 Mar 2020 21:55
Operator : CG/JU
Sample : L1907-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-SA

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	13.868	2000	2003	2011	rBV	658080	725089	8.96%	1.042%
36	14.021	2024	2029	2032	rBV2	2020890	2137798	26.41%	3.071%
37	14.051	2032	2034	2039	rVB	216622	197145	2.44%	0.283%
38	14.198	2056	2059	2064	rVB2	135447	142542	1.76%	0.205%
39	14.504	2108	2111	2114	rBV	210979	189233	2.34%	0.272%
40	14.815	2161	2164	2172	rVB	173316	192972	2.38%	0.277%
41	15.062	2202	2206	2209	rBV	138335	209390	2.59%	0.301%
42	15.162	2219	2223	2230	rVB2	163312	210958	2.61%	0.303%
43	15.368	2254	2258	2264	rVB	70019	89601	1.11%	0.129%
44	15.427	2264	2268	2272	rVV	132661	149198	1.84%	0.214%
45	15.498	2274	2280	2284	rVV	1375679	1764097	21.79%	2.534%
46	15.545	2285	2288	2299	rVB2	131643	189674	2.34%	0.272%
47	15.992	2360	2364	2368	rBV	84560	121348	1.50%	0.174%
48	16.033	2368	2371	2381	rVB9	57439	106595	1.32%	0.153%
49	16.950	2523	2527	2537	rVB3	55115	117990	1.46%	0.169%

Sum of corrected areas: 69611661

LSC Report - Integrated Chromatogram

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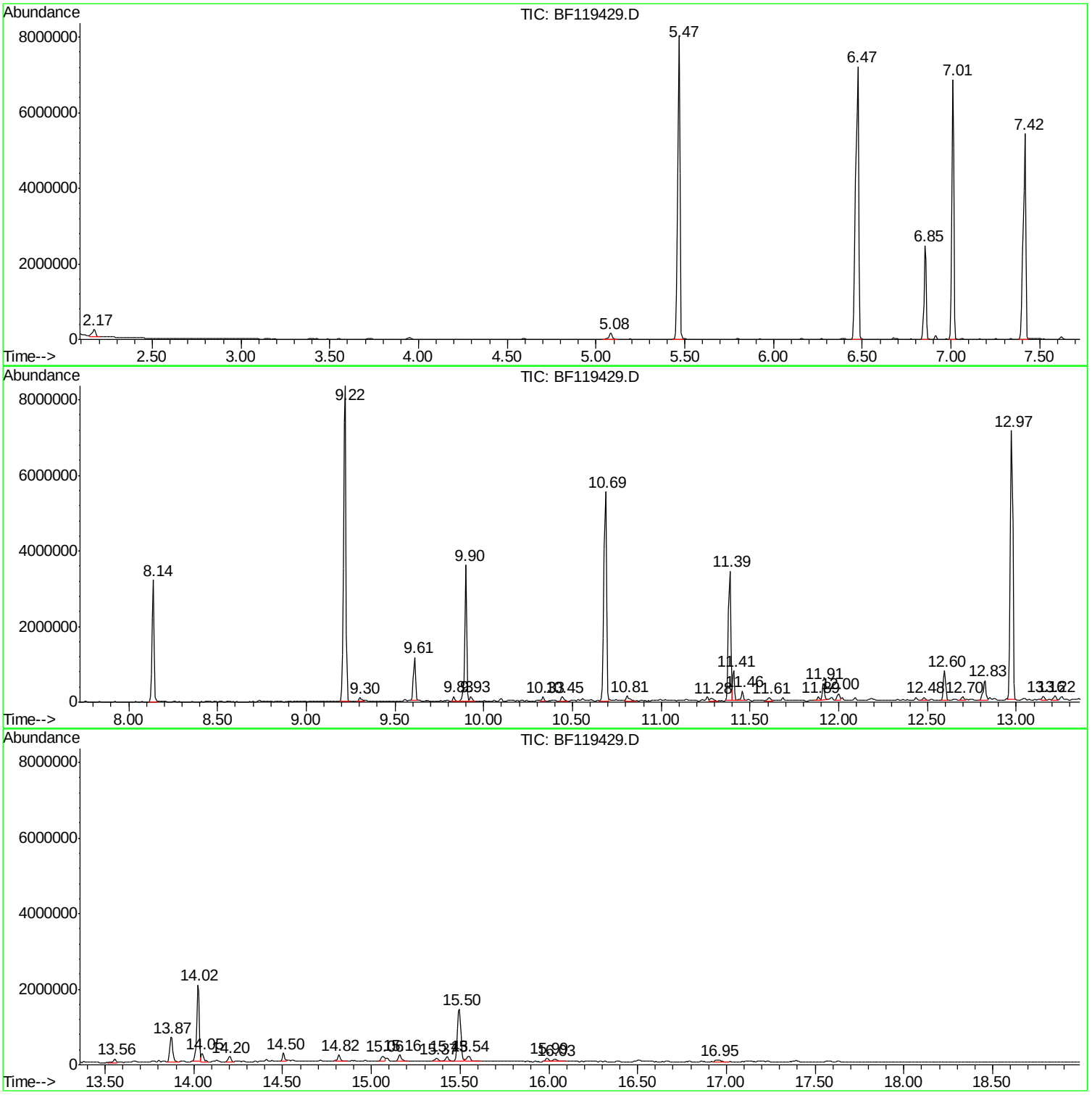
Data File : BF119429.D
Acq On : 18 Mar 2020 21:55
Operator : CG/JU
Sample : L1907-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-9-SA

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 : BF119429.D
Acq On : 18 Mar 2020 21:55
Operator : CG/JU
Sample : L1907-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-SA

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

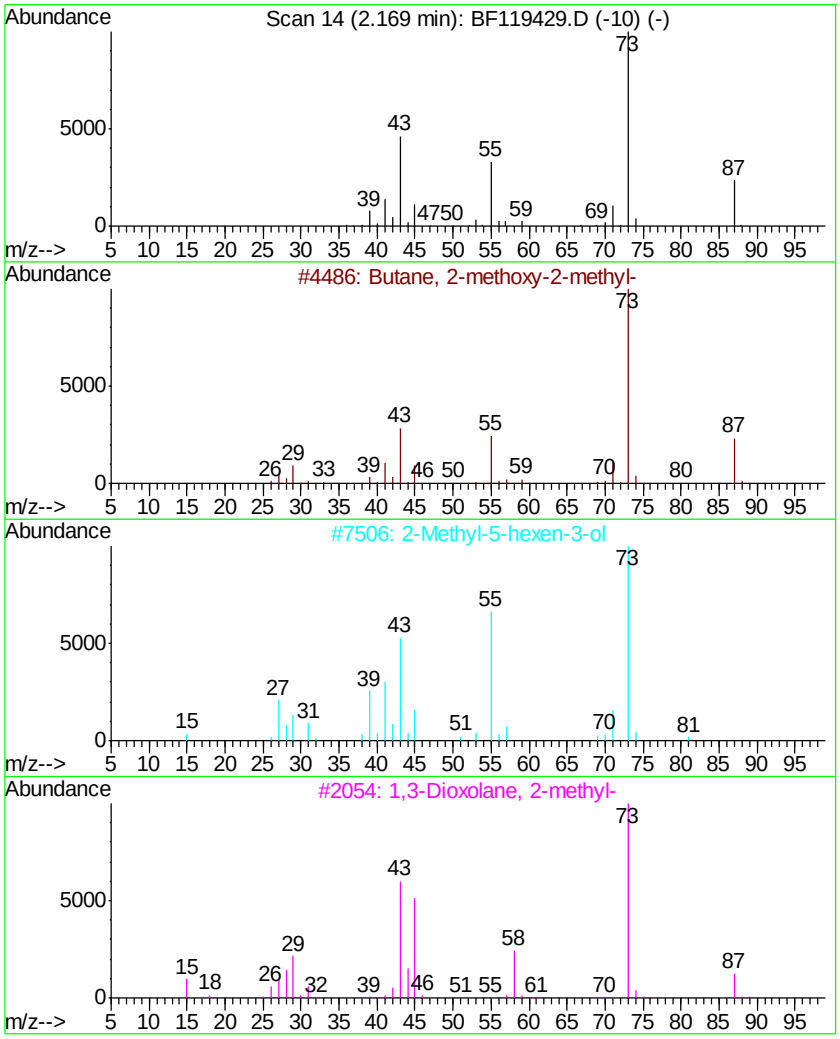
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

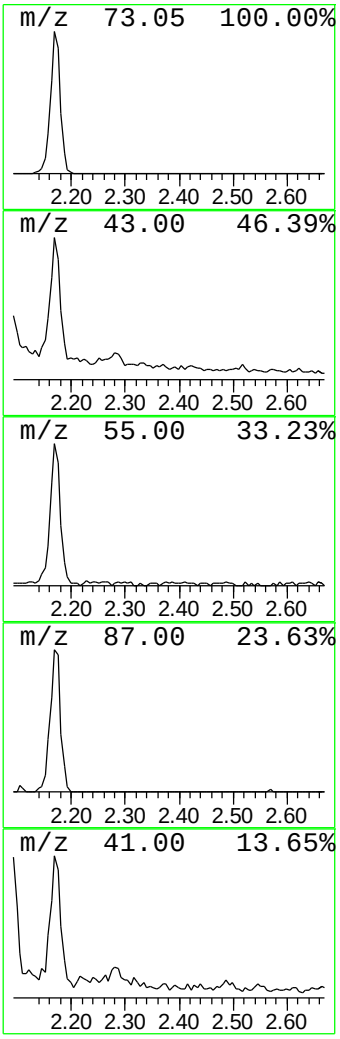
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	2.43 ng	258300	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	72
2	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	50
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	28
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119429.D
Acq On : 18 Mar 2020 21:55
Operator : CG/JU
Sample : L1907-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-SA

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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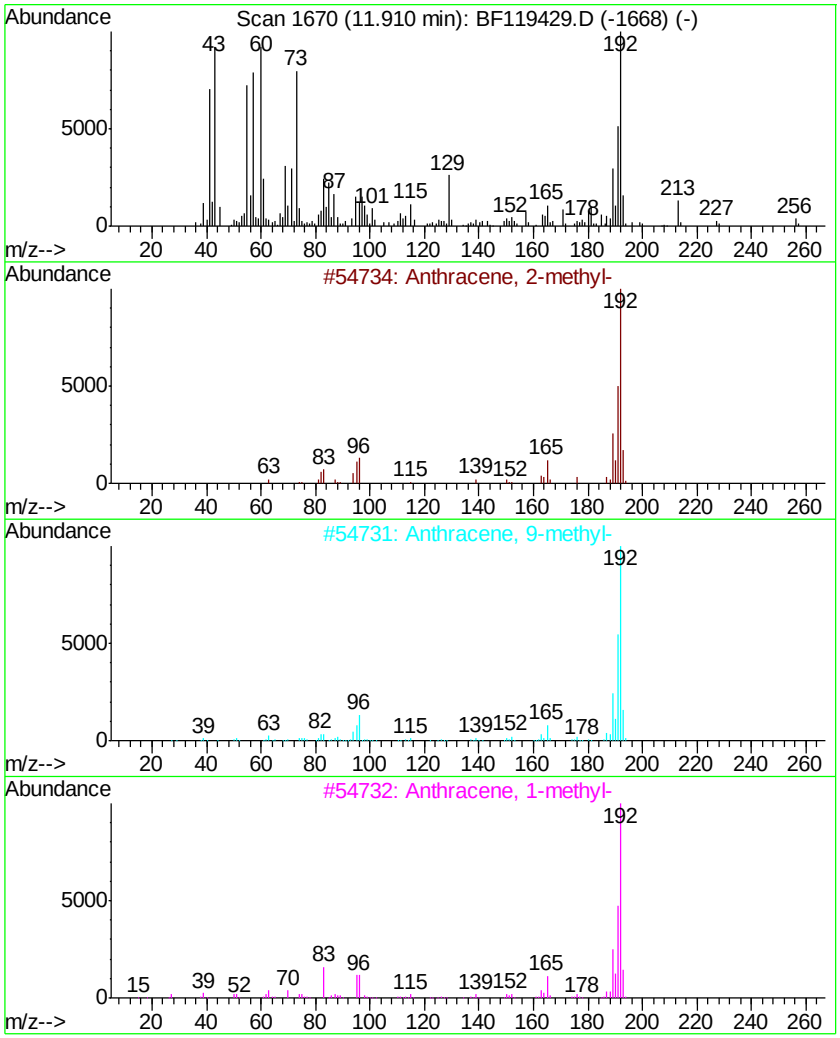
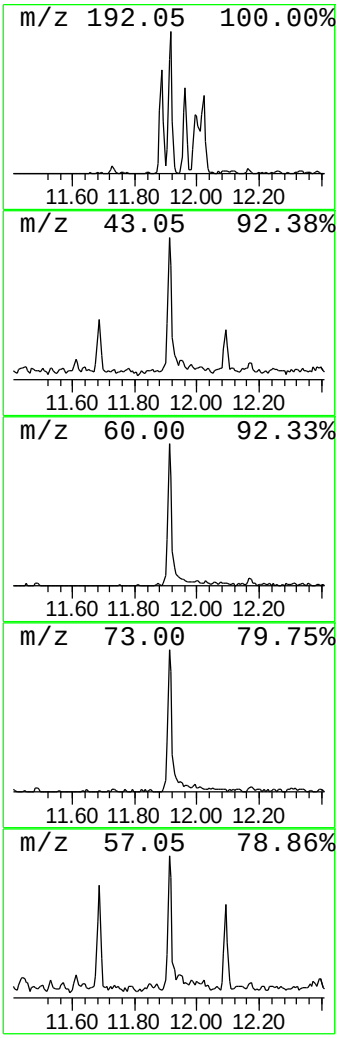
Peak Number 3 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	2.86 ng	411059	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86
4	Tridecanoic acid	214	C13H26O2	000638-53-9	84
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119429.D
Acq On : 18 Mar 2020 21:55
Operator : CG/JU
Sample : L1907-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-SA

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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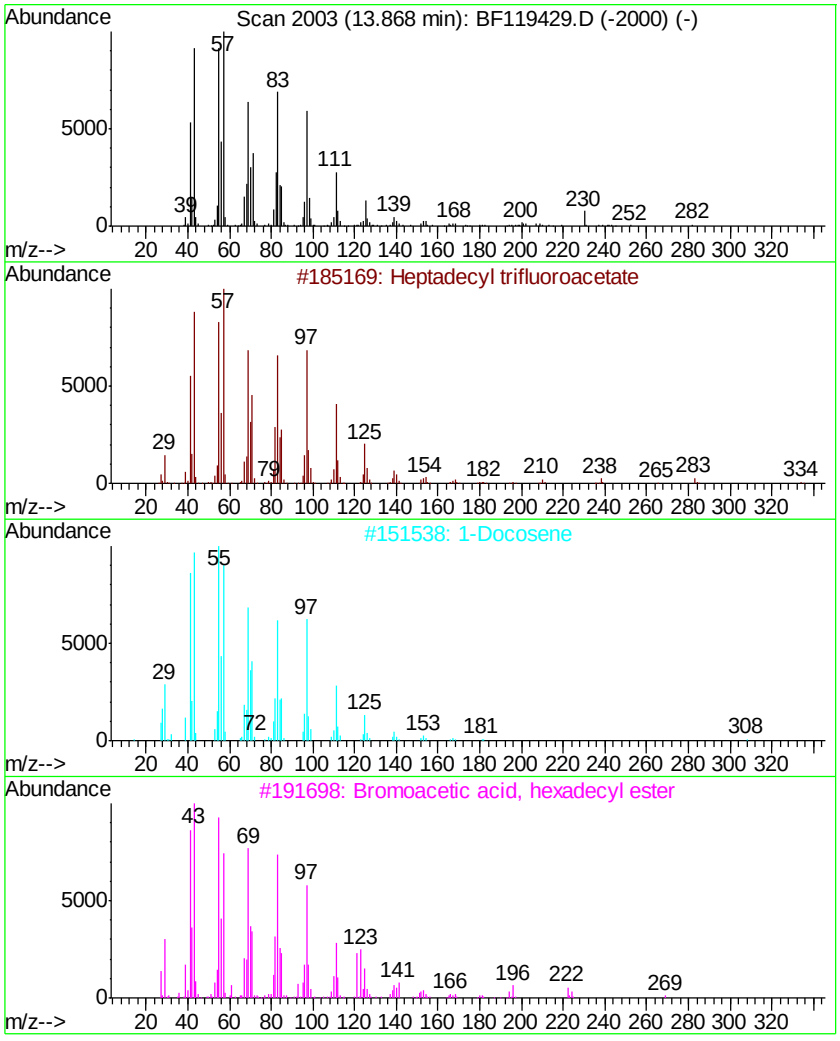
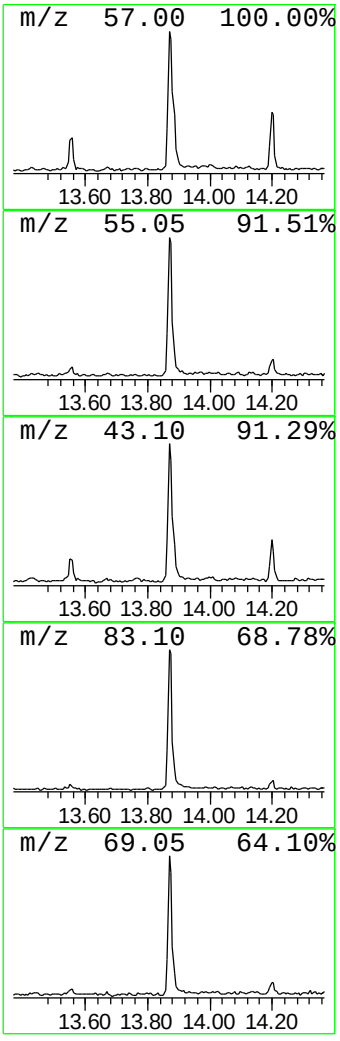
Peak Number 4 Heptadecyl trifluoroacetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	6.78 ng	725089	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
2	1-Docosene	308	C22H44	001599-67-3	94
3	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
5	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	91





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Operator : CG/JU
Sample : L1907-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-SA

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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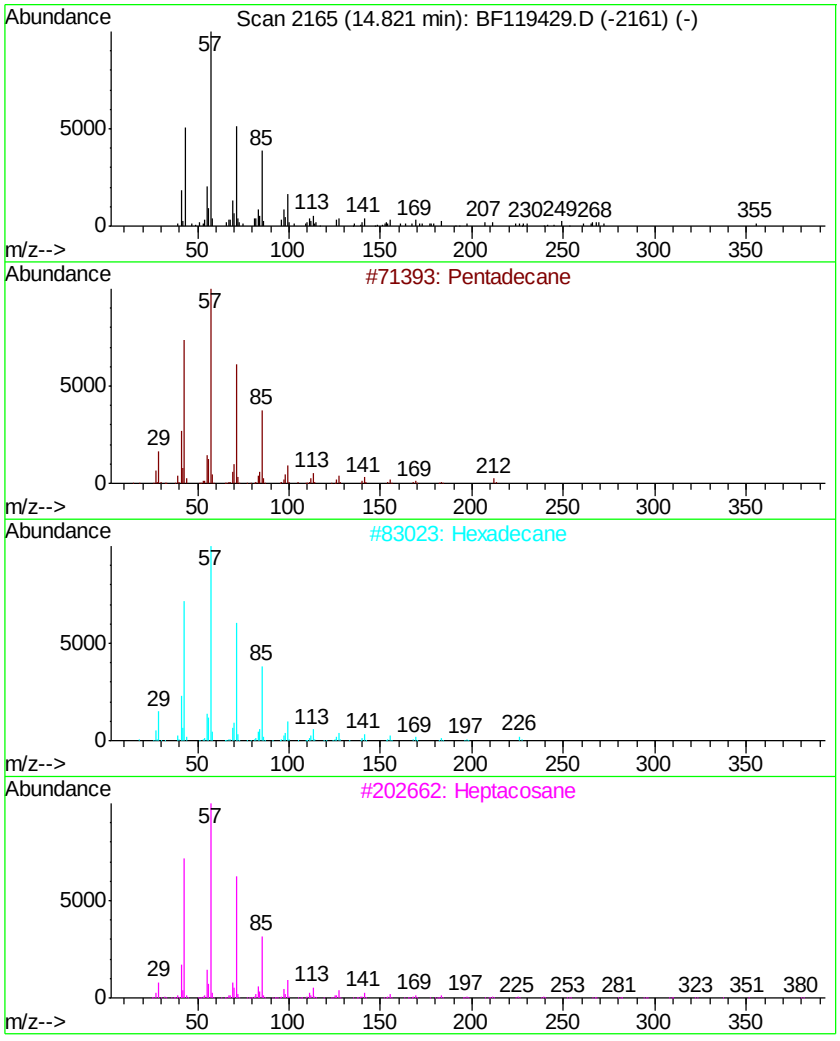
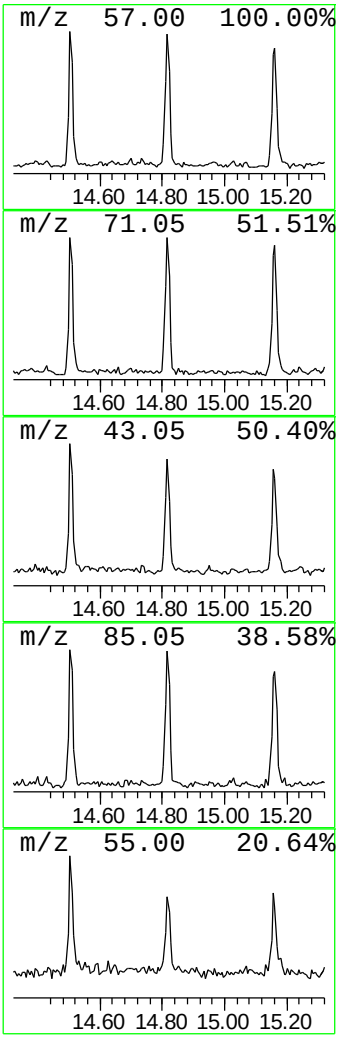
Peak Number 5 Pentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	2.19 ng	192972	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	86
2	Hexadecane	226	C16H34	000544-76-3	86
3	Heptacosane	380	C27H56	000593-49-7	83
4	Tridecane	184	C13H28	000629-50-5	81
5	Docosane	310	C22H46	000629-97-0	80





Library Search Compound Report

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Acq On : 18 Mar 2020 21:55
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Sample : L1907-06
Misc :
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Instrument : BNA_F
ClientSampleId : TP-9-SA

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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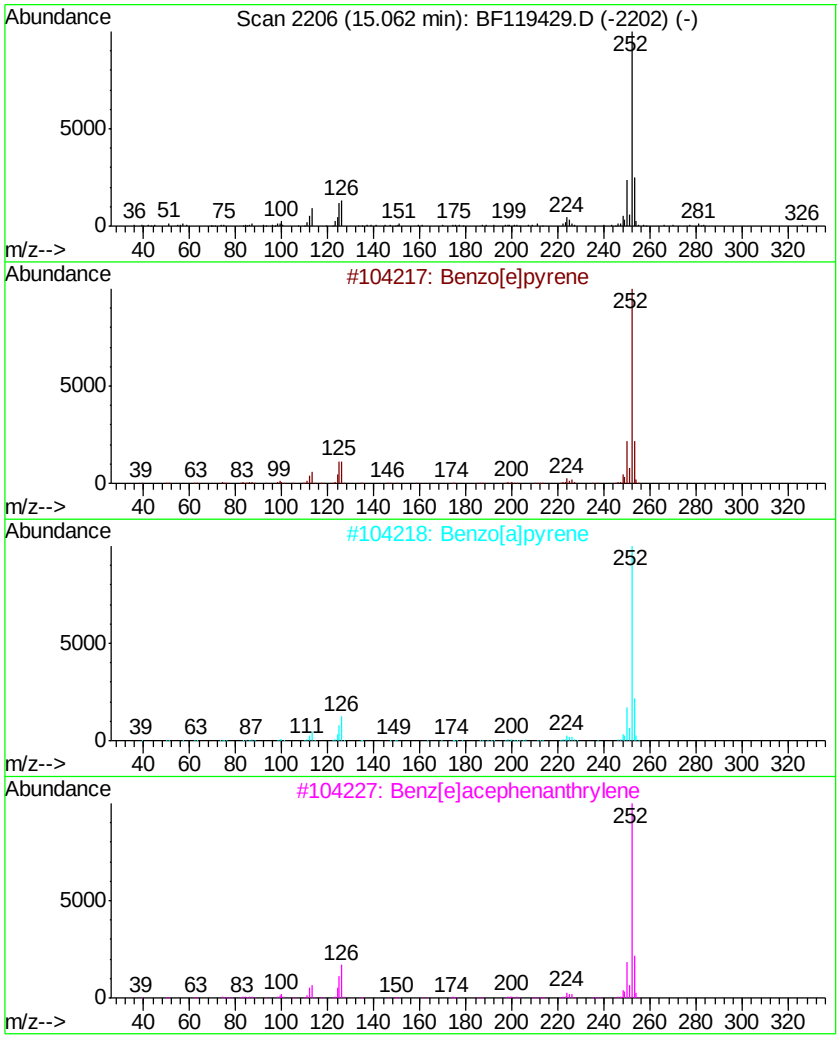
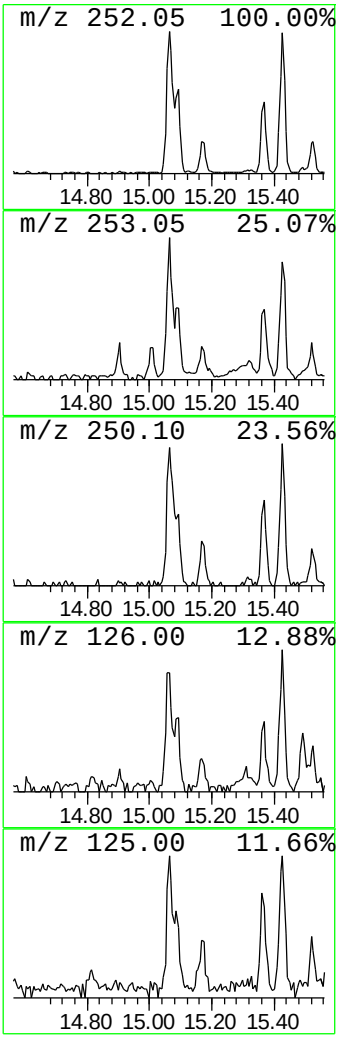
Peak Number 6 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	2.37 ng	209390	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	86





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Sample : L1907-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-SA

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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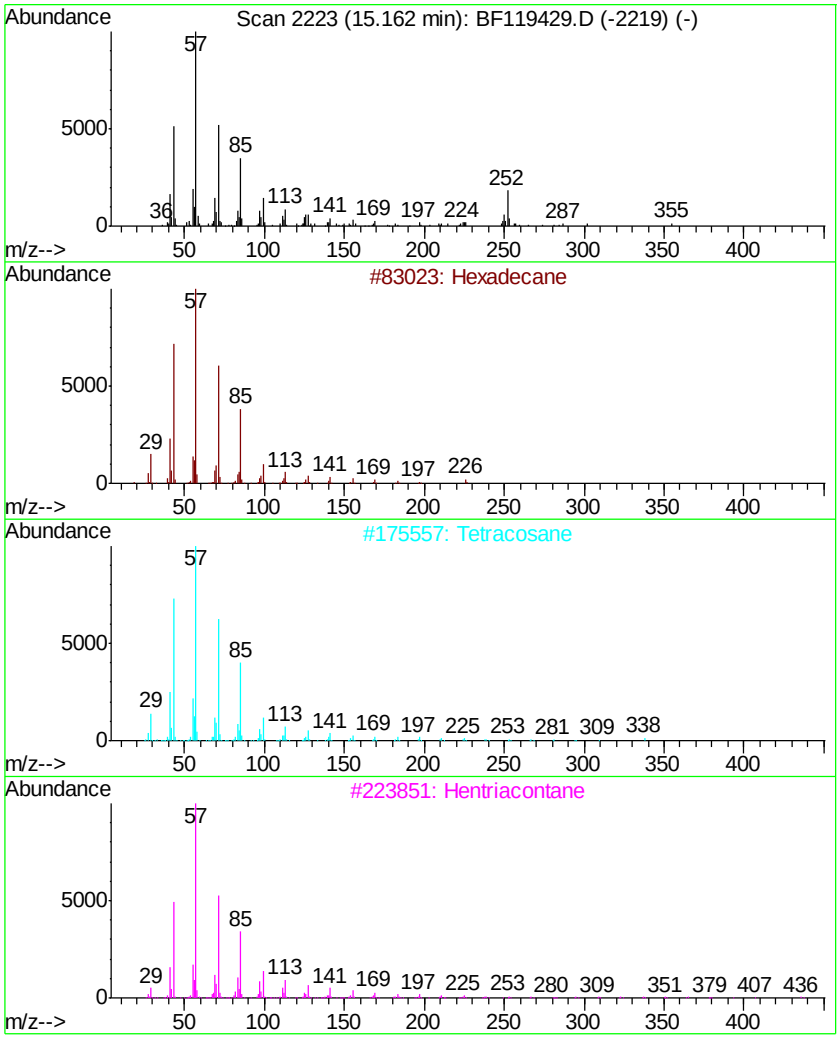
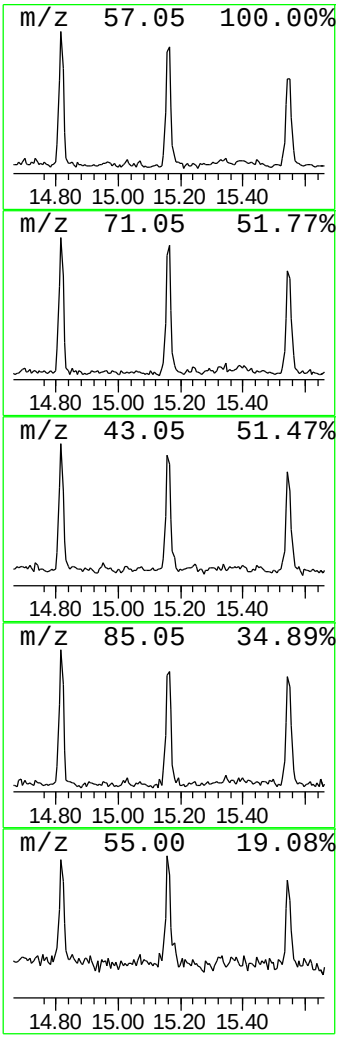
Peak Number 7 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	2.39 ng	210958	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Tetracosane	338	C24H50	000646-31-1	76
3	Hentriacontane	437	C31H64	000630-04-6	76
4	Tetratetracontane	619	C44H90	007098-22-8	76
5	Octadecane	254	C18H38	000593-45-3	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031820\
Data File : BF119429.D
Acq On : 18 Mar 2020 21:55
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Sample : L1907-06
Misc :
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Instrument : BNA_F
ClientSampleId : TP-9-SA

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...	2.17	2.4	ng	258300	1	6.85	2123930	20.0
Anthracene, 2-met...	11.91	2.9	ng	411059	4	11.39	2879330	20.0
Heptadecyl triflu...	13.87	6.8	ng	725089	5	14.02	2137800	20.0
Pentadecane	14.82	2.2	ng	192972	6	15.50	1764100	20.0
Benzo[e]pyrene	15.06	2.4	ng	209390	6	15.50	1764100	20.0
Hexadecane	15.16	2.4	ng	210958	6	15.50	1764100	20.0