LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
Data File : BP002763.D
Acq On : 15 Jul 2020 20:11
Operator : CG/JU
Sample : L3305-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FK-GF-02-057-B

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_P\METHODS\8270-BP071020.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	4.716	305	311	322	rBV	125291	181435	4.90%	0.352%
2	5.187	384	391	408	rBV	1481152	2309270	62.40%	4.475%
3	6.763	652	659	671	rBV	1471148	2481781	67.06%	4.810%
4	6.869	671	677	688	rVB	56364	116354	3.14%	0.225%
5	7.557	786	794	806	rBV	604312	966016	26.10%	1.872%
6	8.704	982	989	1002	rVV	895895	1543794	41.72%	2.992%
7	10.328	1257	1265	1271	rBV	763018	1388585	37.52%	2.691%
8	10.381	1271	1274	1284	rVB	142386	236033	6.38%	0.457%
9	11.393	1440	1446	1452	rBV3	24516	51818	1.40%	0.100%
10	11.798	1507	1515	1521	rBV	33011	67247	1.82%	0.130%
11	12.004	1542	1550	1559	rVB	125463	231533	6.26%	0.449%
12	12.228	1579	1588	1593	rBV	110319	191042	5.16%	0.370%
13	12.822	1683	1689	1701	rVV	2215954	3359576	90.79%	6.511%
14	13.034	1721	1725	1728	rBV	60583	100019	2.70%	0.194%
15	13.234	1756	1759	1770	rVB	27778	54805	1.48%	0.106%
16	13.369	1777	1782	1791	rBV4	70767	191560	5.18%	0.371%
17	13.534	1804	1810	1815	rBV	102731	171479	4.63%	0.332%
18	13.587	1815	1819	1824	rVB	76887	111200	3.00%	0.216%
19	13.675	1829	1834	1839	rVV	266147	380415	10.28%	0.737%
20	13.769	1846	1850	1853	rBV	46546	61215	1.65%	0.119%
21	13.934	1872	1878	1885	rBV2	103947	163872	4.43%	0.318%
22	14.145	1910	1914	1918	rBV	62194	79961	2.16%	0.155%
23	14.210	1918	1925	1931	rVV	1172484	1769173	47.81%	3.429%
24	14.275	1931	1936	1945	rVB	348402	531739	14.37%	1.030%
25	14.434	1957	1963	1970	rBV2	32966	84718	2.29%	0.164%
26	14.616	1987	1994	2004	rBV	295975	488287	13.19%	0.946%
27	14.698	2004	2008	2013	rVB	50050	75967	2.05%	0.147%
28	14.769	2016	2020	2026	rVB4	32890	50806	1.37%	0.098%
29	14.839	2027	2032	2037	rBV2	52588	96687	2.61%	0.187%
30	14.898	2038	2042	2046	rVB	45865	64568	1.74%	0.125%
31	15.016	2056	2062	2064	rBV3	37040	65289	1.76%	0.127%
32	15.045	2064	2067	2072	rVV2	39089	53798	1.45%	0.104%
33	15.104	2073	2077	2084	rVB2	82263	111401	3.01%	0.216%
34	15.269	2099	2105	2111	rBV	514681	736318	19.90%	1.427%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
Data File : BP002763.D
Acq On : 15 Jul 2020 20:11
Operator : CG/JU
Sample : L3305-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FK-GF-02-057-B

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_P\METHODS\8270-BP071020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.398	2123	2127	2129	rVB	33364	37578	1.02%	0.073%
36	15.433	2129	2133	2138	rVB2	58345	77657	2.10%	0.150%
37	15.516	2139	2147	2152	rBV4	75506	145499	3.93%	0.282%
38	15.569	2152	2156	2167	rVB	91882	180663	4.88%	0.350%
39	15.716	2175	2181	2190	rVB2	1315143	1967808	53.18%	3.814%
40	15.969	2219	2224	2227	rBV2	106280	166038	4.49%	0.322%
41	16.281	2272	2277	2282	rBV2	64941	103727	2.80%	0.201%
42	16.333	2282	2286	2291	rVB2	58734	84355	2.28%	0.163%
43	16.551	2320	2323	2328	rVB4	41643	55868	1.51%	0.108%
44	16.633	2334	2337	2344	rVB4	41075	63319	1.71%	0.123%
45	16.716	2347	2351	2355	rBV3	42320	78809	2.13%	0.153%
46	16.786	2356	2363	2367	rBV2	148131	308256	8.33%	0.597%
47	16.969	2389	2394	2398	rBV	1270292	1919404	51.87%	3.720%
48	17.016	2398	2402	2408	rVV	2495432	3519722	95.11%	6.821%
49	17.104	2412	2417	2423	rVV	768442	1092542	29.52%	2.117%
50	17.169	2425	2428	2434	rVV2	36989	72648	1.96%	0.141%
51	17.380	2460	2464	2469	rBV	171252	233362	6.31%	0.452%
52	17.504	2481	2485	2489	rBV2	111237	157510	4.26%	0.305%
53	17.675	2510	2514	2526	rVB2	369290	526024	14.21%	1.019%
54	17.851	2540	2544	2548	rBV	244120	324290	8.76%	0.628%
55	17.898	2548	2552	2558	rVB	372846	498674	13.48%	0.966%
56	17.975	2562	2565	2570	rVV	136310	181884	4.92%	0.352%
57	18.033	2571	2575	2580	rVV2	447209	789205	21.33%	1.529%
58	18.075	2580	2582	2590	rVB	173259	222659	6.02%	0.432%
59	18.186	2598	2601	2606	rBV	121861	138654	3.75%	0.269%
60	18.339	2623	2627	2631	rBV	188681	253458	6.85%	0.491%
61	18.633	2674	2677	2680	rBV	114012	135449	3.66%	0.262%
62	18.745	2693	2696	2699	rBV	142479	197387	5.33%	0.383%
63	18.786	2699	2703	2705	rVV	897295	1047782	28.31%	2.031%
64	18.816	2705	2708	2716	rVB2	1611051	2038086	55.07%	3.950%
65	18.951	2728	2731	2734	rVB	217192	218509	5.90%	0.423%
66	19.004	2735	2740	2745	rVV	2424290	3222011	87.07%	6.244%
67	19.351	2791	2799	2809	rBV	2003294	3330374	90.00%	6.454%
68	19.557	2830	2834	2839	rVB	2910436	3700571	100.00%	7.172%
69	19.839	2880	2882	2886	rVB	361929	398880	10.78%	0.773%
70	19.939	2896	2899	2903	rVB	312834	358903	9.70%	0.696%
71	20.821	3046	3049	3055	rVB3	435545	543847	14.70%	1.054%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
Data File : BP002763.D
Acq On : 15 Jul 2020 20:11
Operator : CG/JU
Sample : L3305-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FK-GF-02-057-B

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_P\METHODS\8270-BP071020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	21.074	3087	3092	3096	rBV2	1406658	2745239	74.18%	5.320%
73	21.116	3097	3099	3108	rVB	719616	844280	22.81%	1.636%
74	23.274	3463	3466	3471	rVB2	648239	1051829	28.42%	2.038%

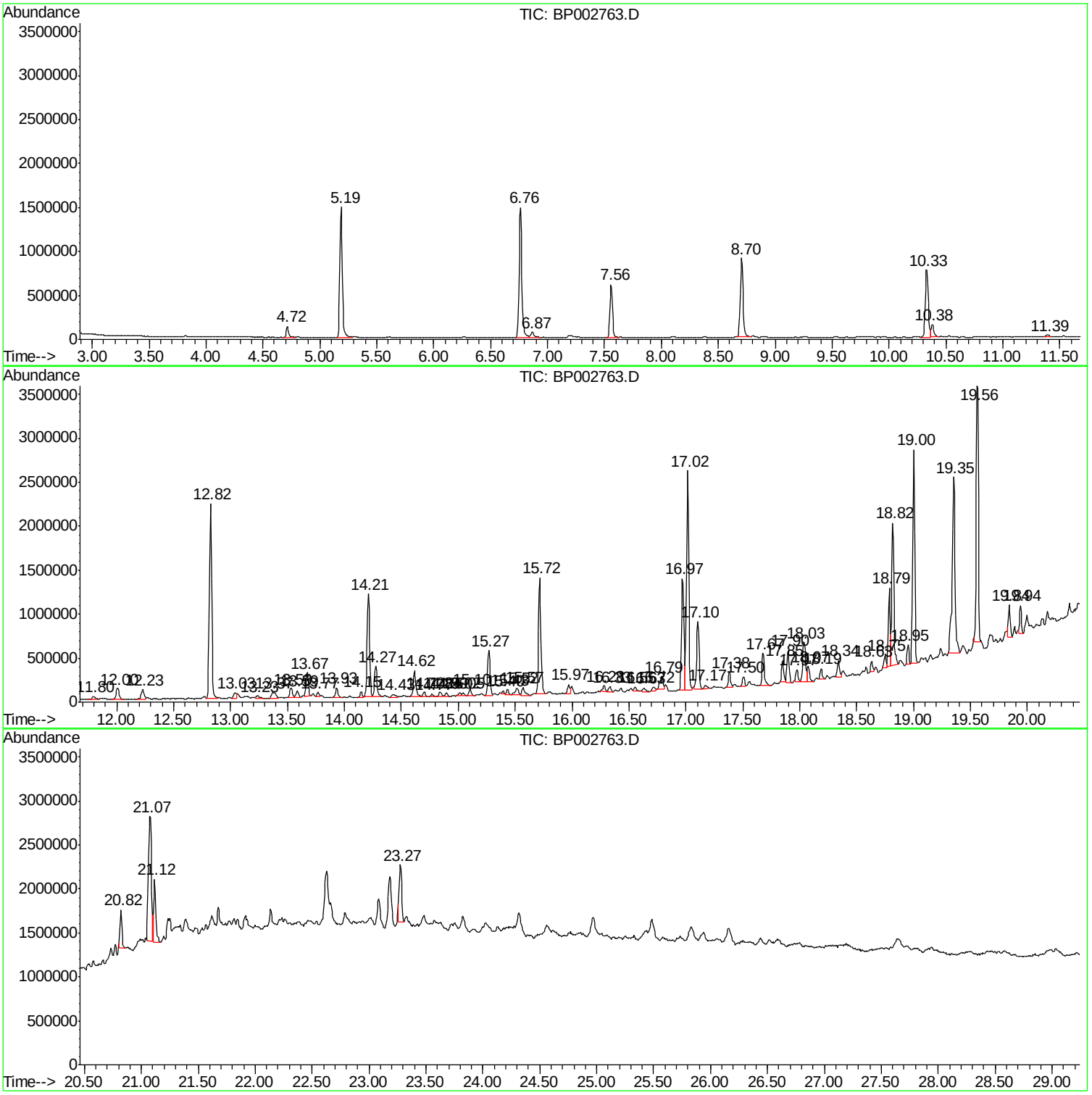
Sum of corrected areas: 51600521

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
Data File : BP002763.D
Acq On : 15 Jul 2020 20:11
Operator : CG/JU
Sample : L3305-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FK-GF-02-057-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.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 P\DATA\BP071520\
Data File : BP002763.D
Acq On : 15 Jul 2020 20:11
Operator : CG/JU
Sample : L3305-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FK-GF-02-057-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

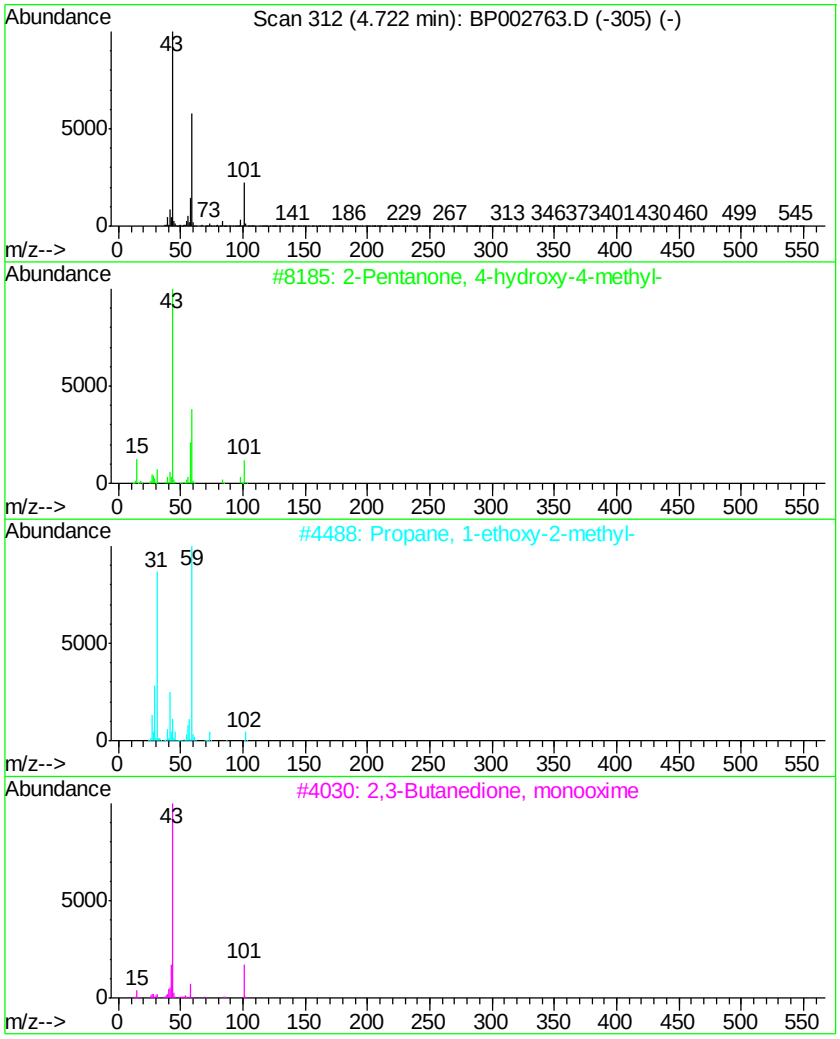
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

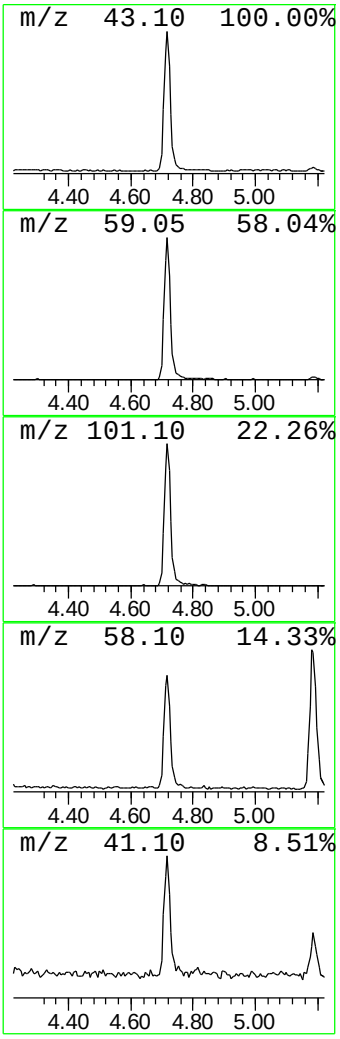
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.72	3.76 ng	181435	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
Data File : BP002763.D
Acq On : 15 Jul 2020 20:11
Operator : CG/JU
Sample : L3305-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FK-GF-02-057-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

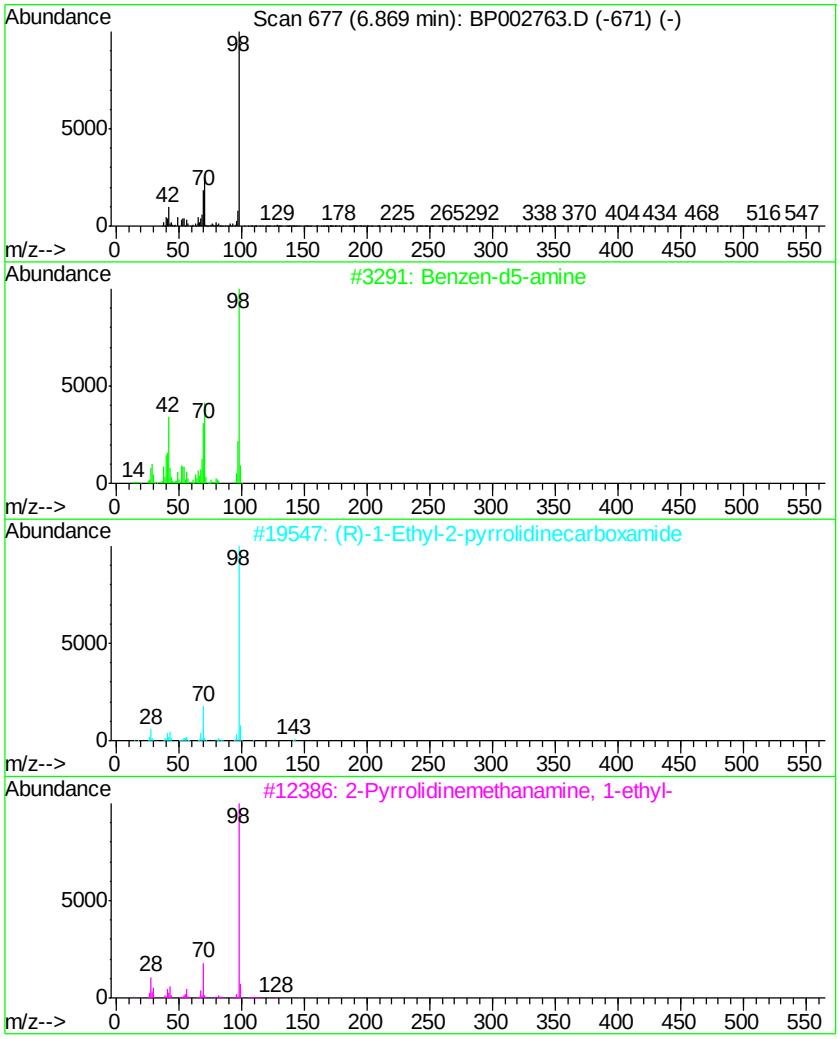
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

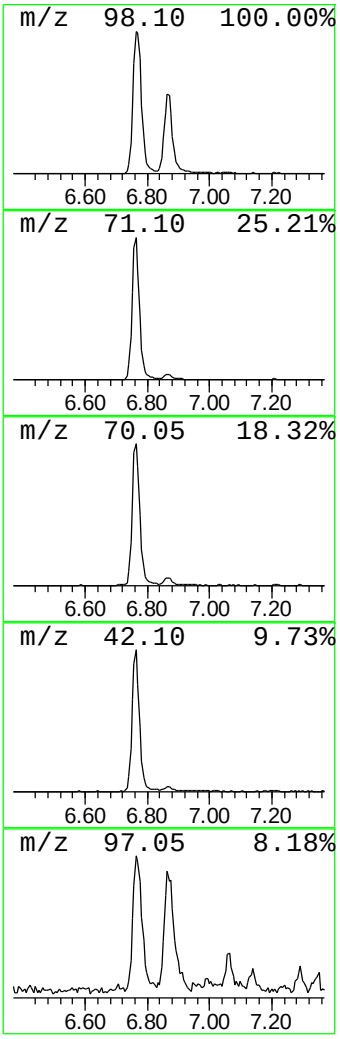
****

Peak Number 2 Benzen-d5-amine Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.87	2.41 ng	116354	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzen-d5-amine	98	C6H2D5N	004165-61-1	78
2	(R)-1-Ethyl-2-pyrrolidinecarboxa...	142	C7H14N2O	1000237-69-9	52
3	2-Pyrrolidinemethanamine, 1-ethyl-	128	C7H16N2	026116-12-1	50
4	3H-Pyrazole, 3,4-diamino-	98	C3H6N4	1000288-40-0	50
5	1-Methyl-2-piperidinemethanol	129	C7H15NO	020845-34-5	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
Data File : BP002763.D
Acq On : 15 Jul 2020 20:11
Operator : CG/JU
Sample : L3305-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FK-GF-02-057-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

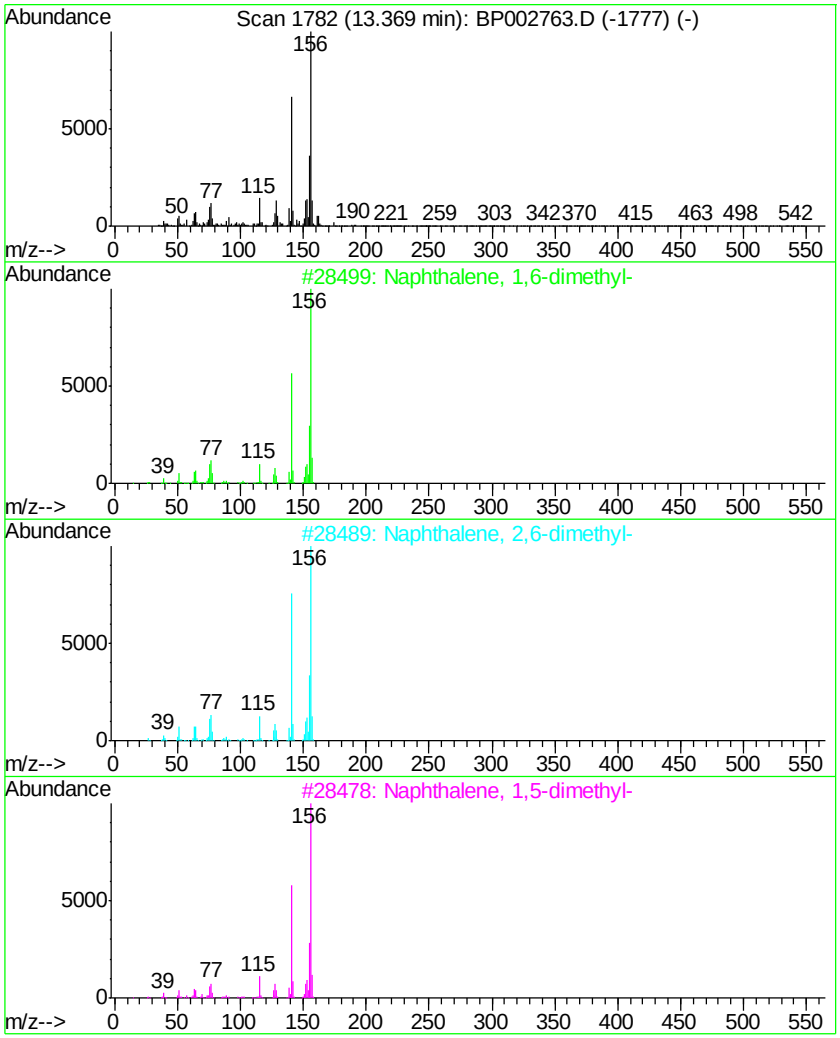
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

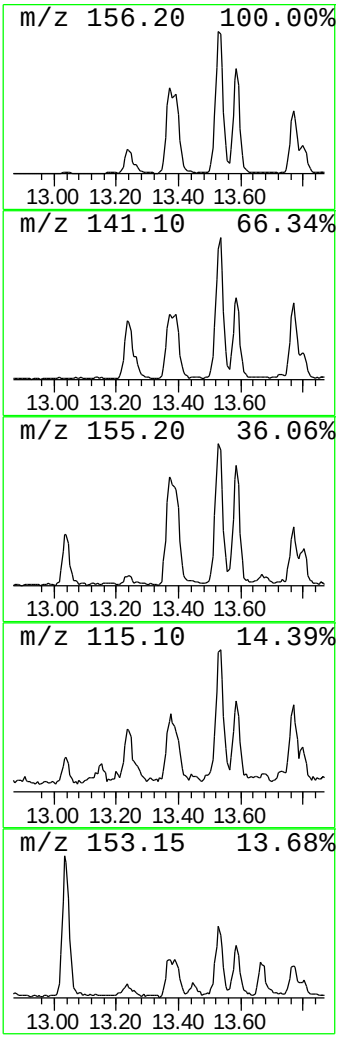
****

Peak Number 3 Naphthalene, 1,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	2.17 ng	191560	Acenaphthene-d10	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
Data File : BP002763.D
Acq On : 15 Jul 2020 20:11
Operator : CG/JU
Sample : L3305-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FK-GF-02-057-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

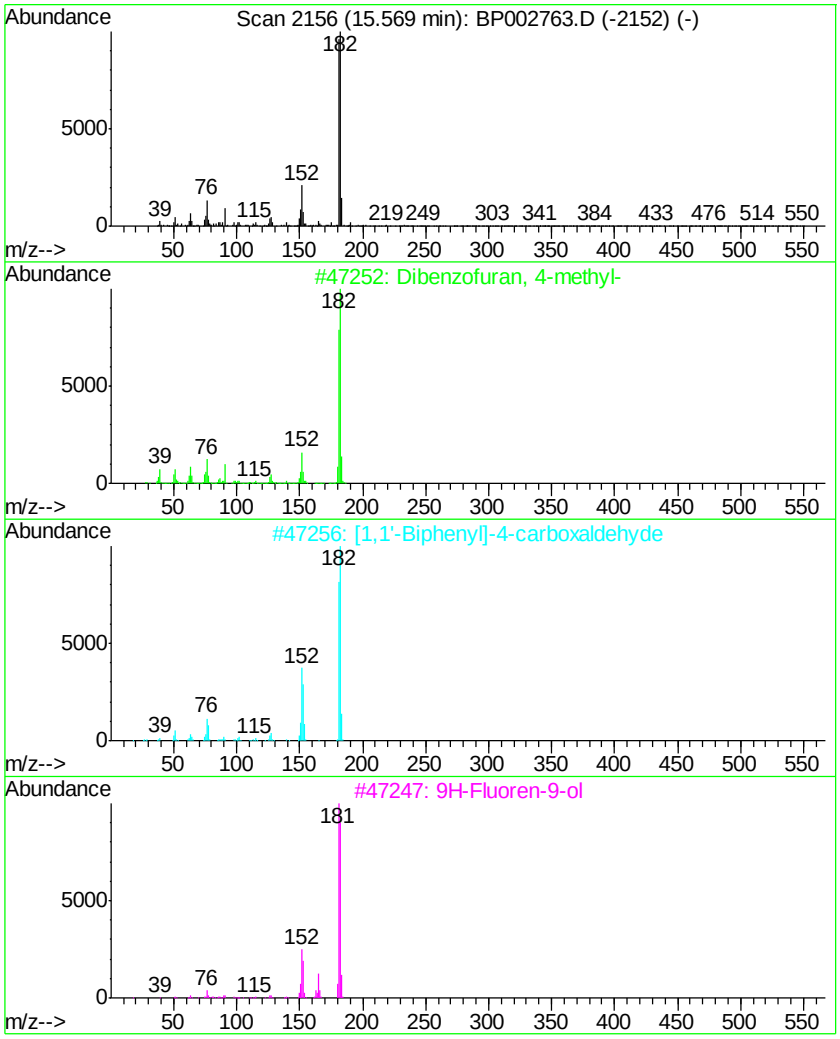
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

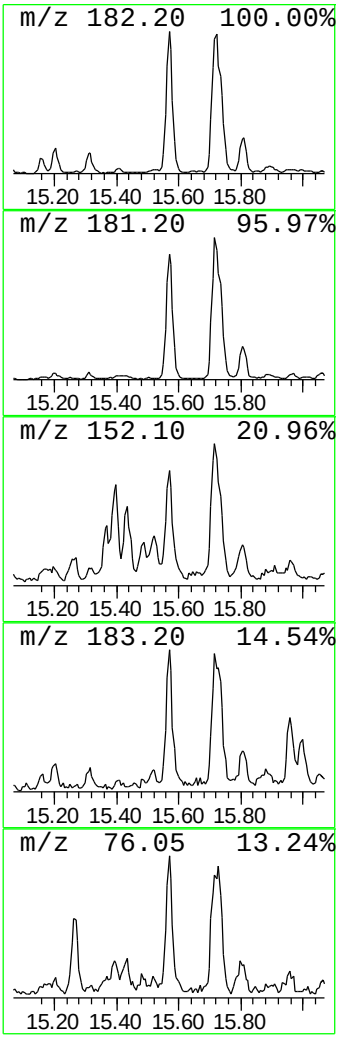
****

Peak Number 4 Dibenzofuran, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	2.04 ng	180663	Acenaphthene-d10	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	9H-Xanthene	182	C13H10O	000092-83-1	72
5	Pyrido[2,3-b]indole, 6-methyl-	182	C12H10N2	108349-67-3	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
Data File : BP002763.D
Acq On : 15 Jul 2020 20:11
Operator : CG/JU
Sample : L3305-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FK-GF-02-057-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

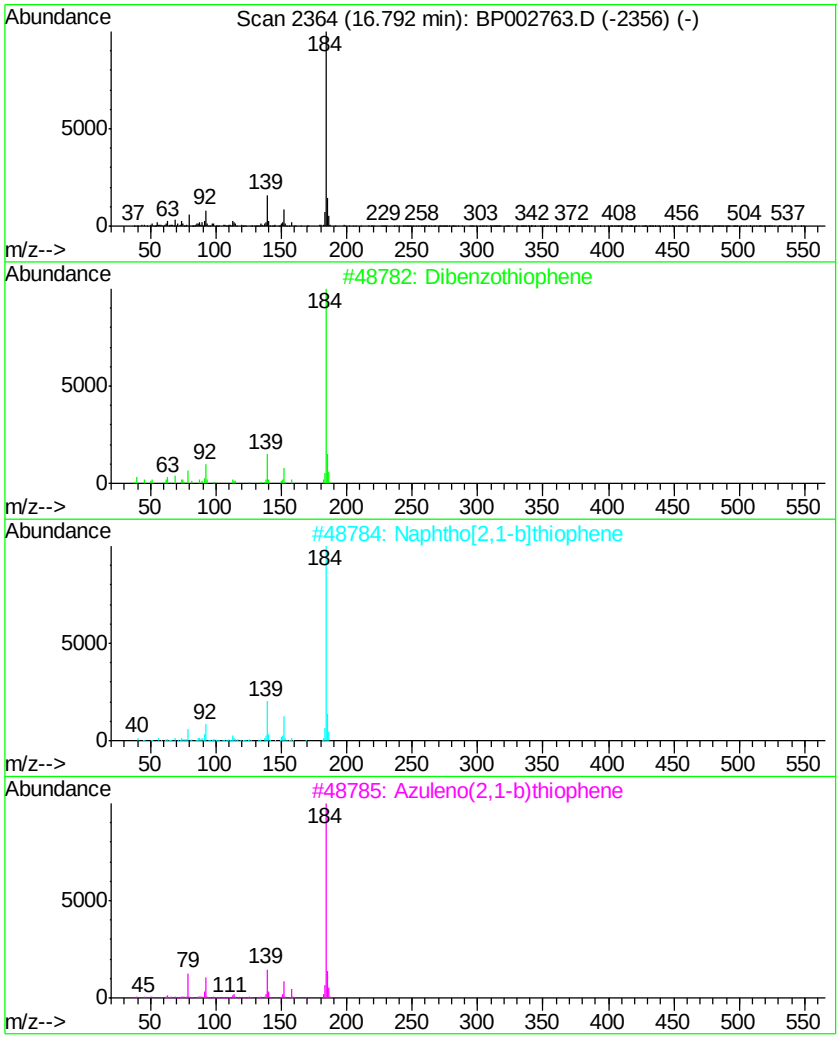
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

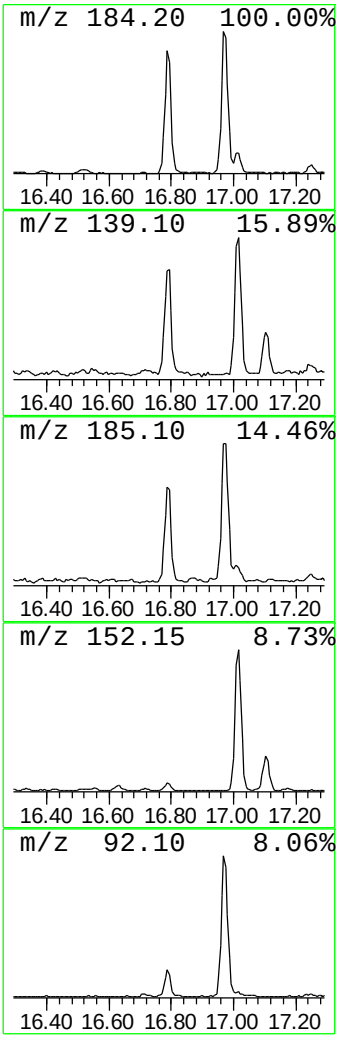
****

Peak Number 5 Dibenzothiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.79	3.21 ng	308256	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
5	Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
Data File : BP002763.D
Acq On : 15 Jul 2020 20:11
Operator : CG/JU
Sample : L3305-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FK-GF-02-057-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

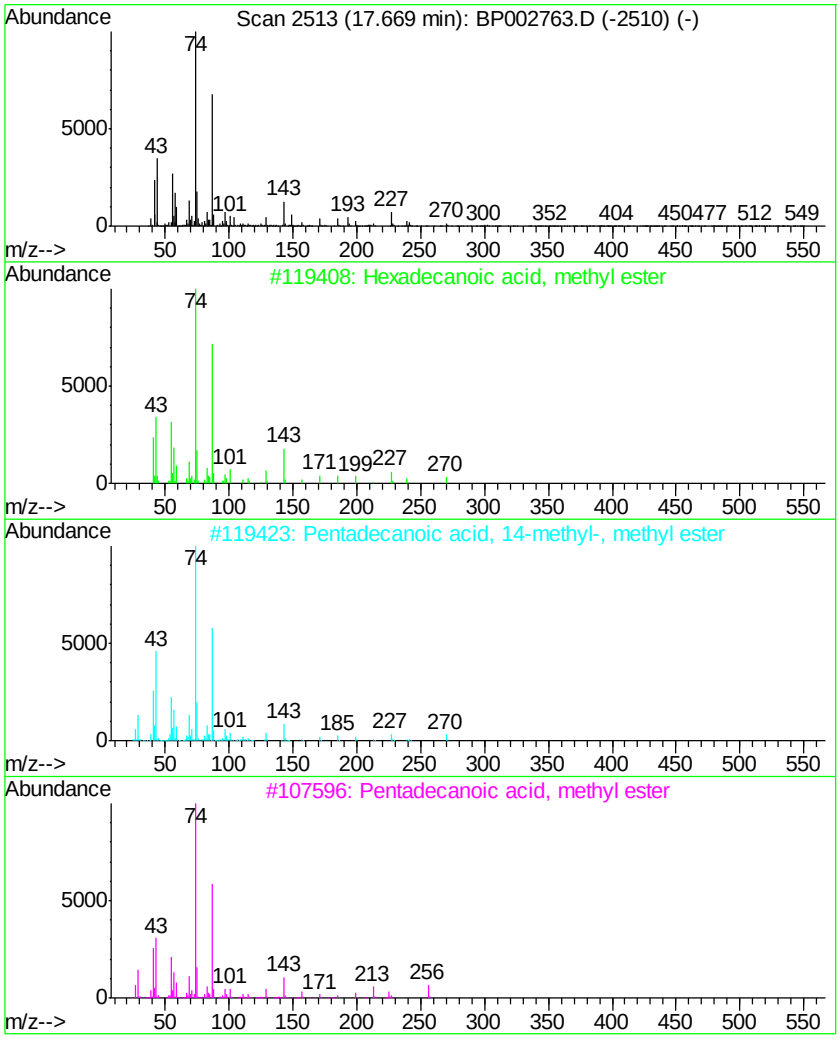
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

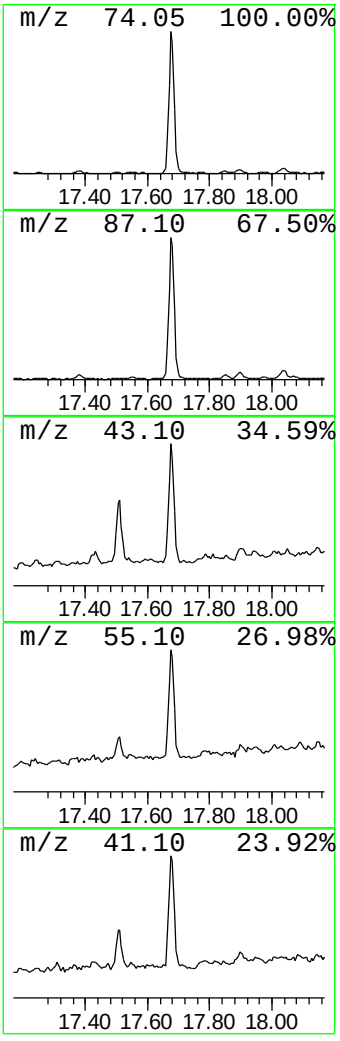
****

Peak Number 6 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	5.48 ng	526024	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	96
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4	Dodecanoic acid, 10-methyl-, met...	228	C14H28O2	005129-65-7	86
5	Methyl 11-methyl-dodecanoate	228	C14H28O2	1000336-45-1	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
Data File : BP002763.D
Acq On : 15 Jul 2020 20:11
Operator : CG/JU
Sample : L3305-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FK-GF-02-057-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.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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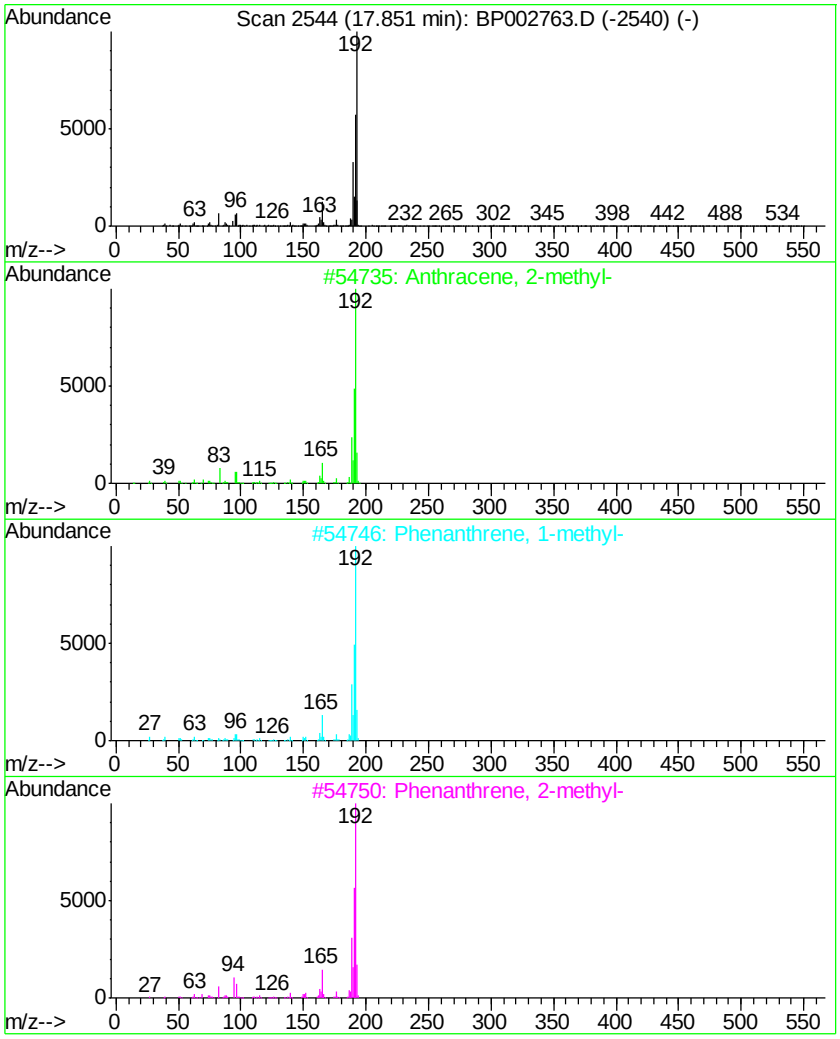
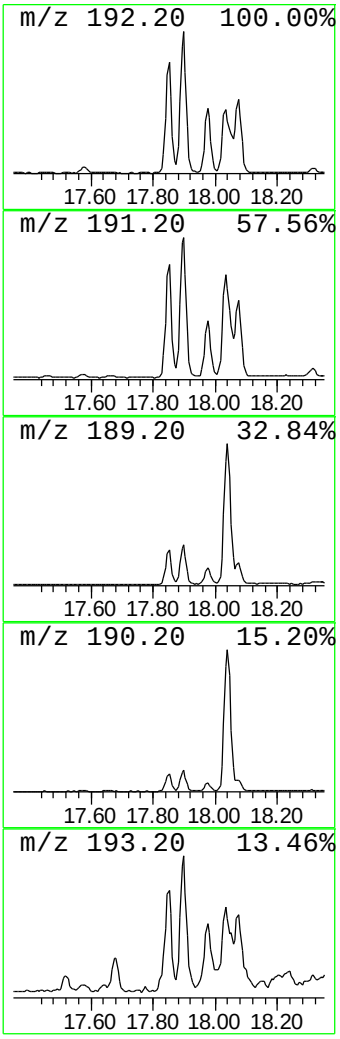
Peak Number 7 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	3.38 ng	324290	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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Data File : BP002763.D
Acq On : 15 Jul 2020 20:11
Operator : CG/JU
Sample : L3305-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FK-GF-02-057-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.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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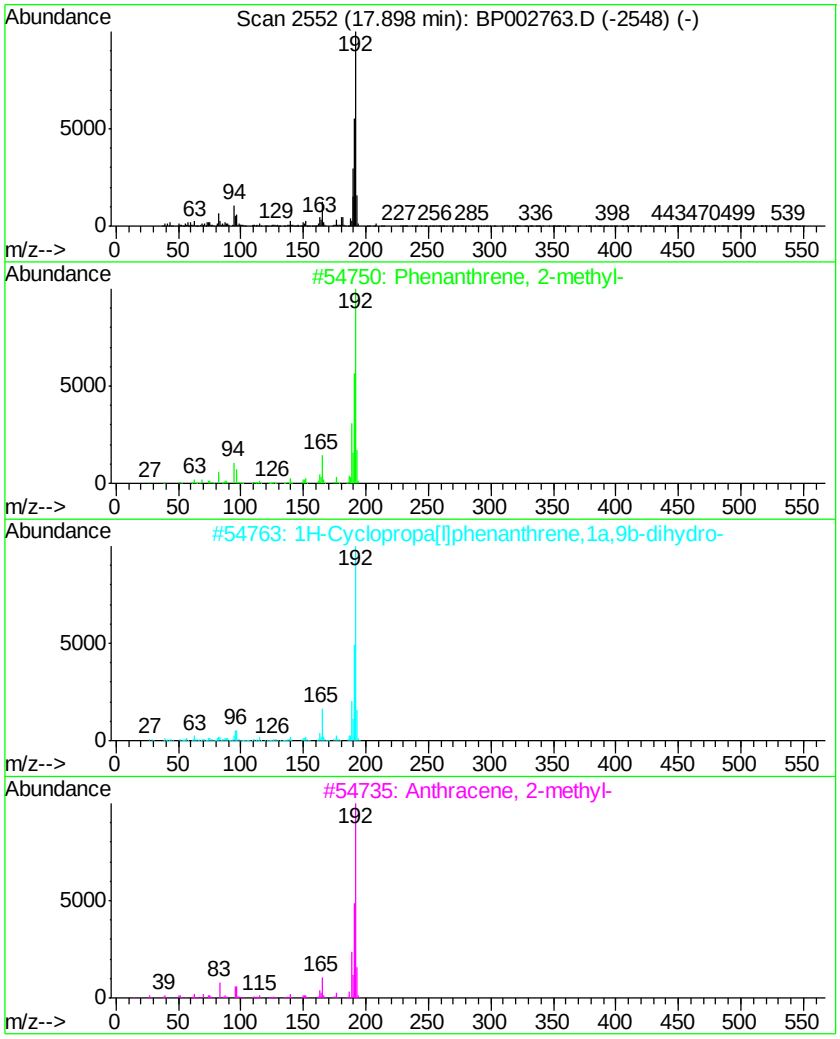
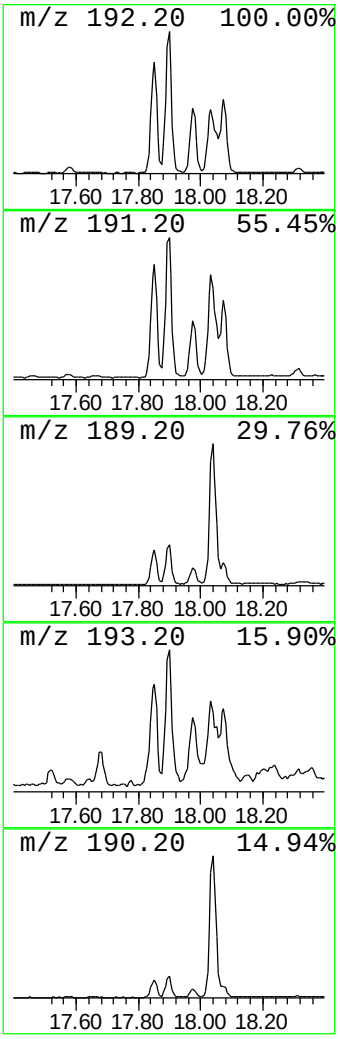
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	5.20 ng	498674	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





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Data File : BP002763.D
Acq On : 15 Jul 2020 20:11
Operator : CG/JU
Sample : L3305-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FK-GF-02-057-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.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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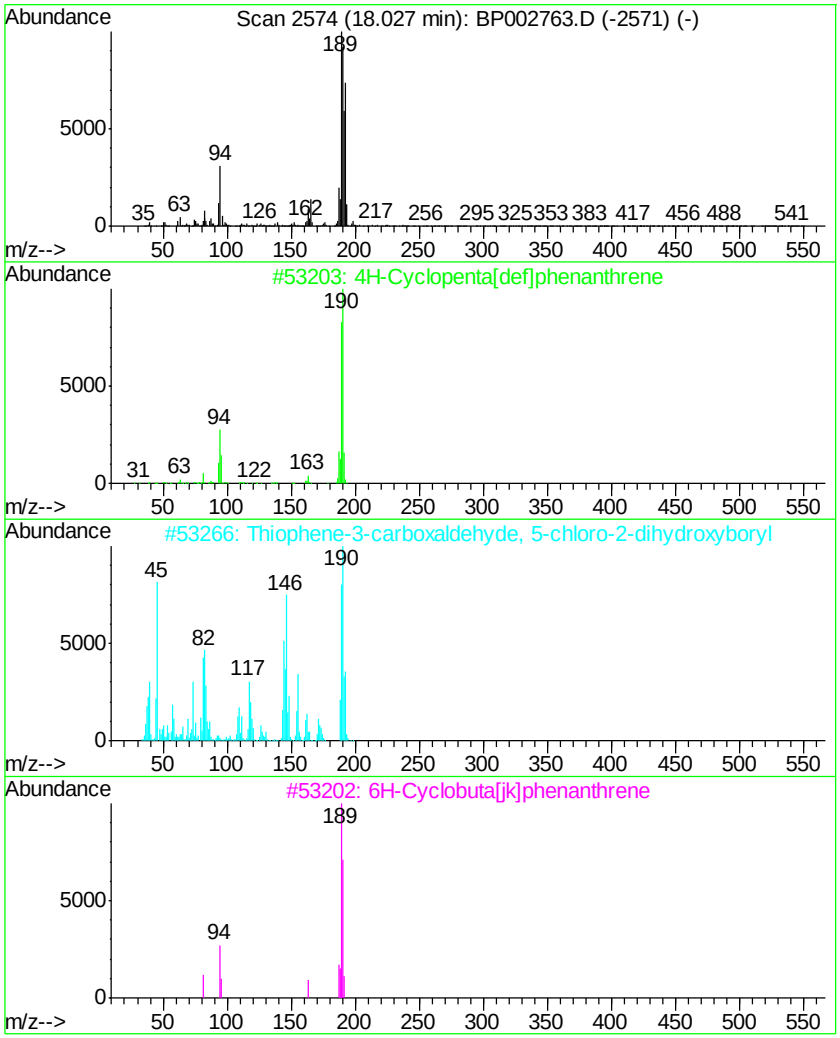
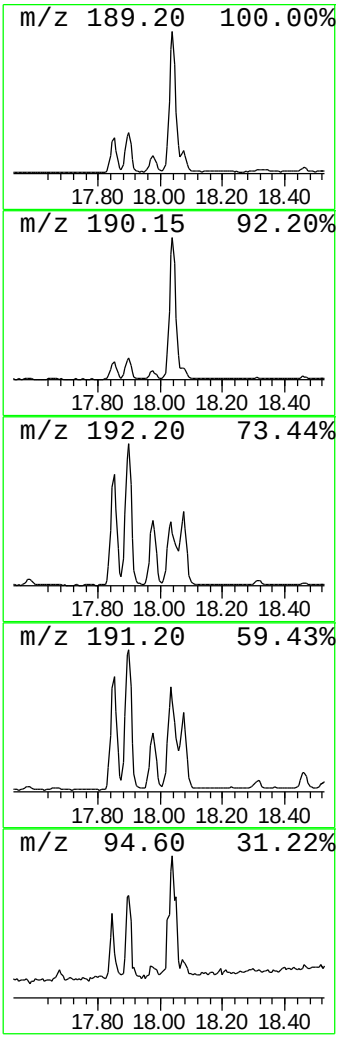
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	8.22 ng	789205	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
4	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
5	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
Data File : BP002763.D
Acq On : 15 Jul 2020 20:11
Operator : CG/JU
Sample : L3305-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FK-GF-02-057-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
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TIC Library : C:\DATABASE\NIST11.L
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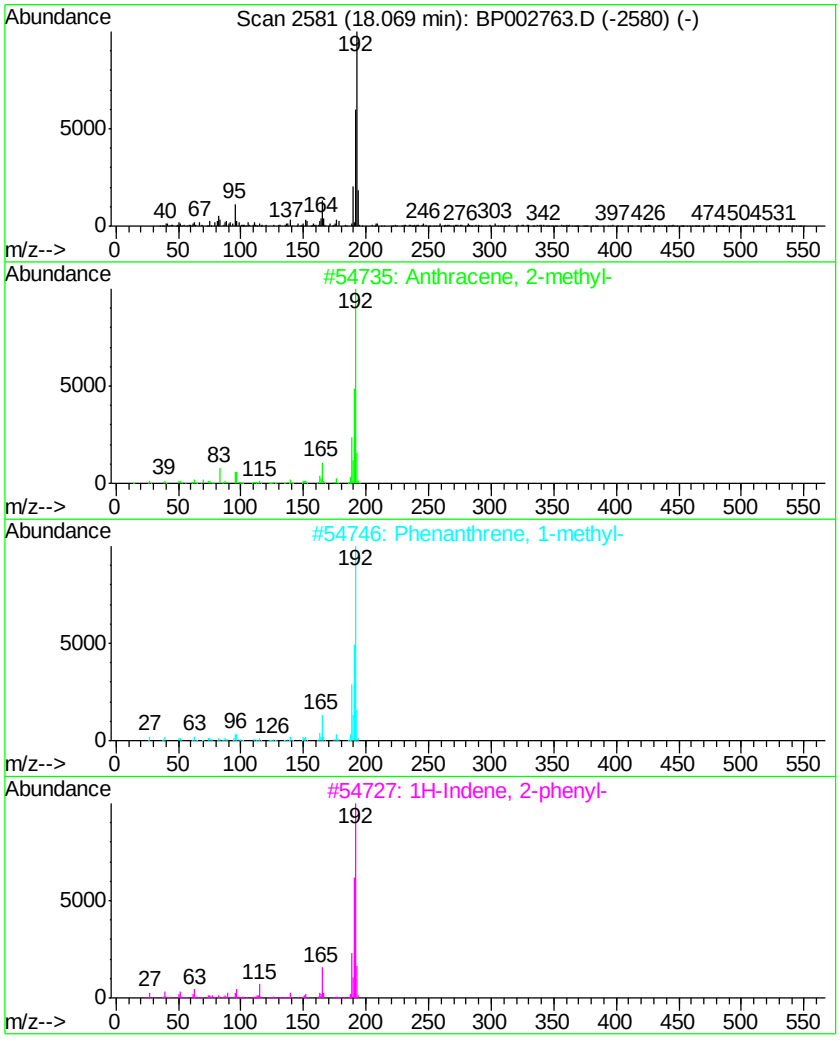
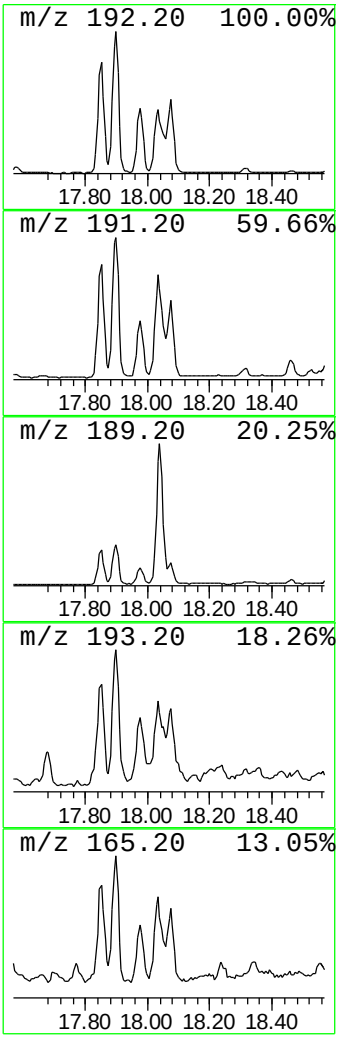
Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	2.32 ng	222659	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	81
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	74





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Data File : BP002763.D
Acq On : 15 Jul 2020 20:11
Operator : CG/JU
Sample : L3305-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FK-GF-02-057-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.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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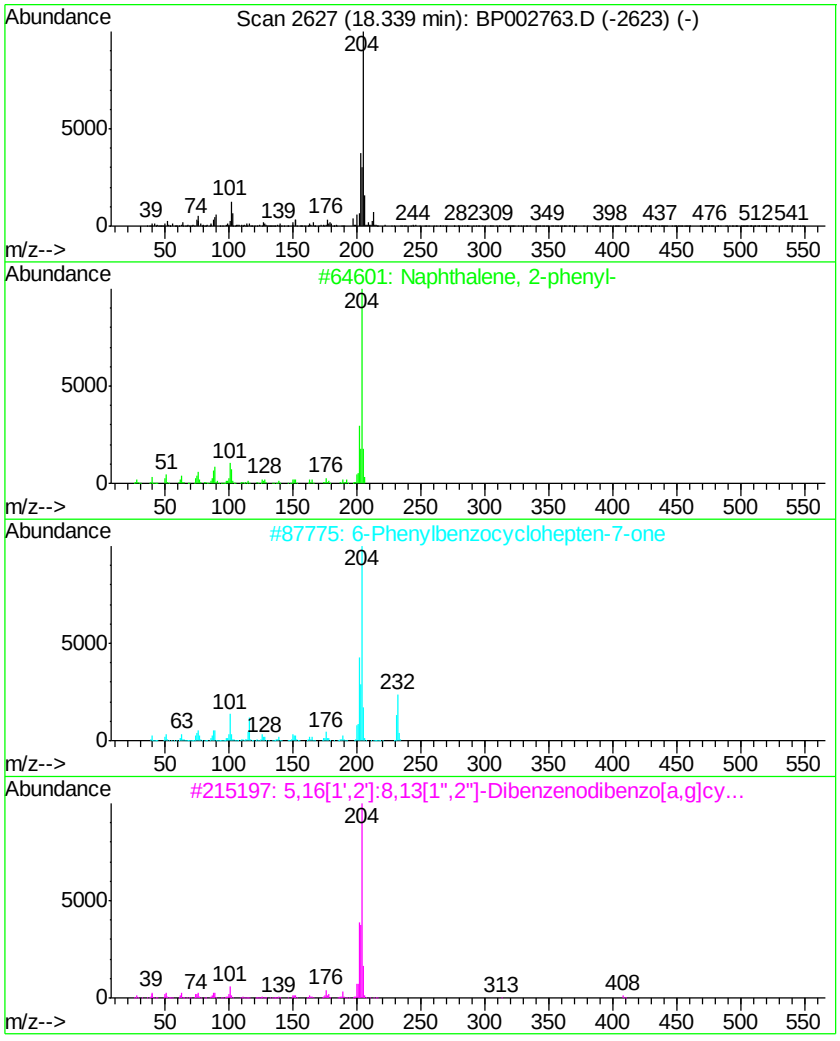
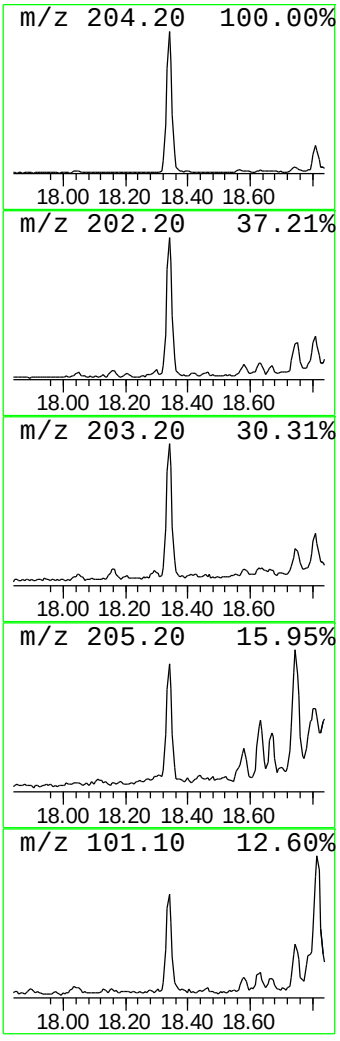
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	2.64 ng	253458	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	53





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Data File : BP002763.D
Acq On : 15 Jul 2020 20:11
Operator : CG/JU
Sample : L3305-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FK-GF-02-057-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

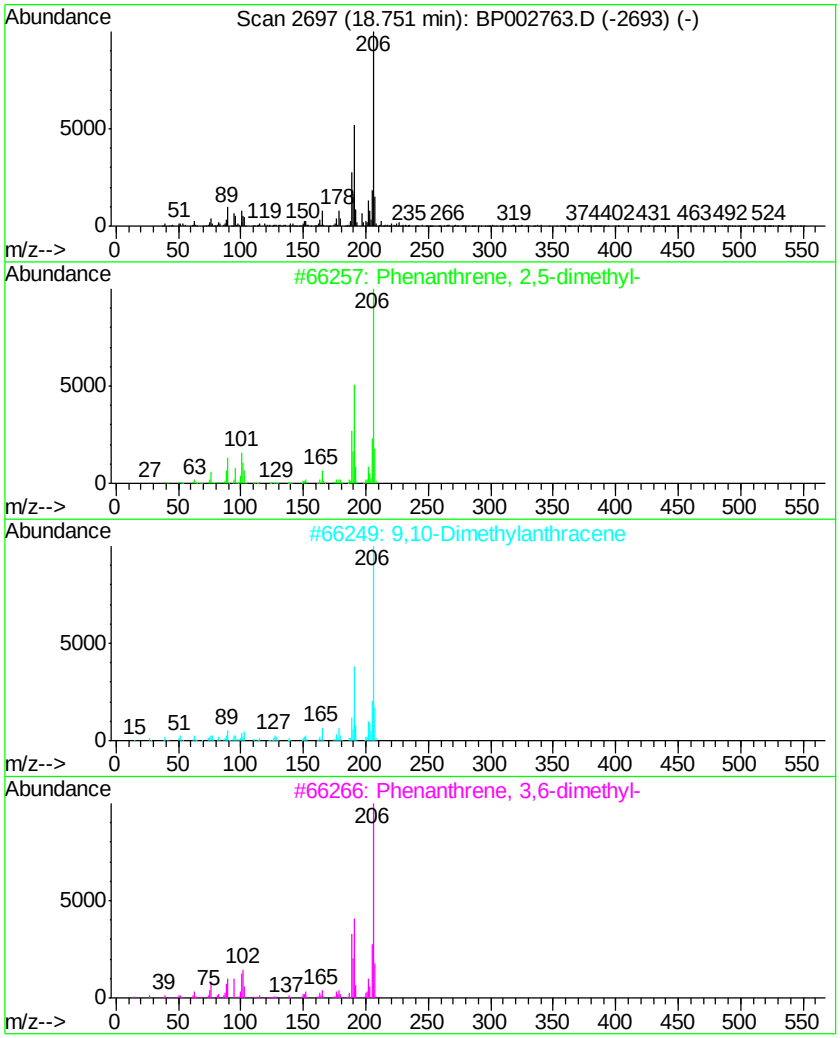
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

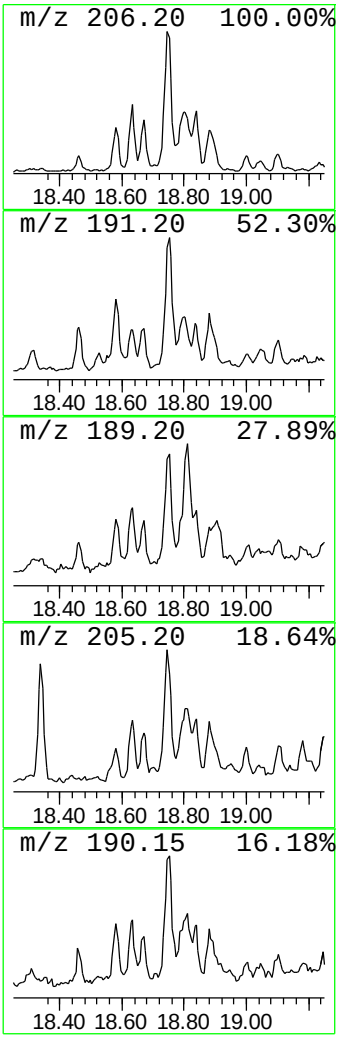
****

Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.75	2.06 ng	197387	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	92





Library Search Compound Report

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Data File : BP002763.D
Acq On : 15 Jul 2020 20:11
Operator : CG/JU
Sample : L3305-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FK-GF-02-057-B

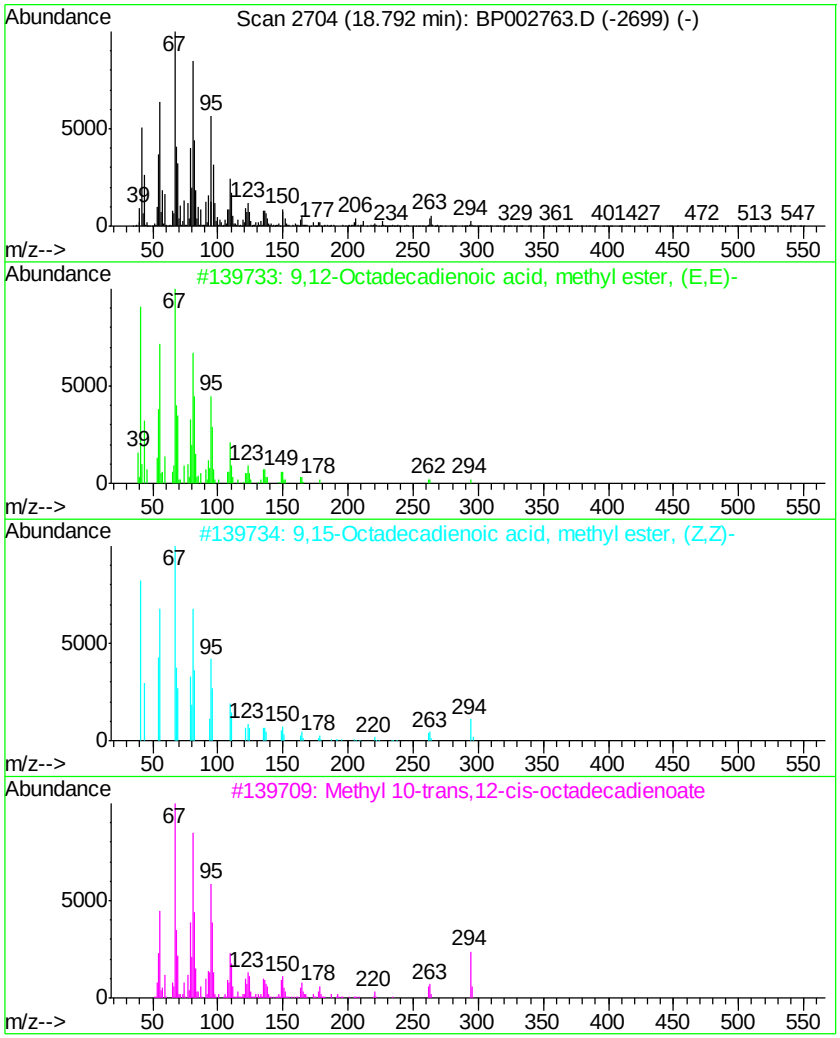
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

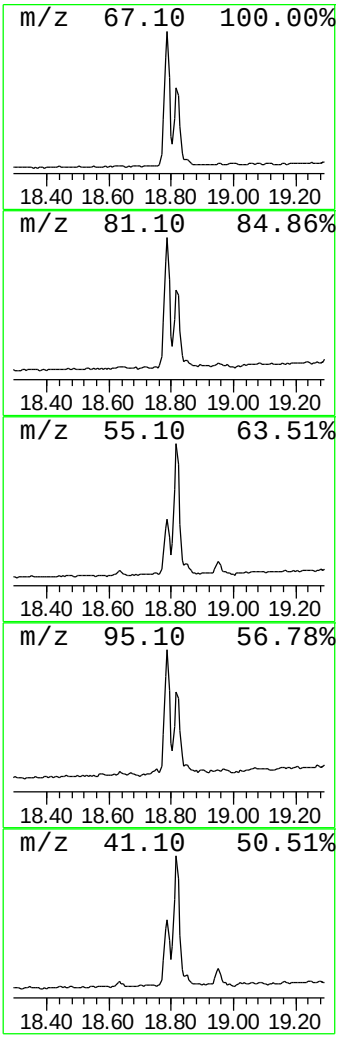
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.79	10.92 ng	1047780	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	98
4	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	97
5	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	97





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Operator : CG/JU
Sample : L3305-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FK-GF-02-057-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.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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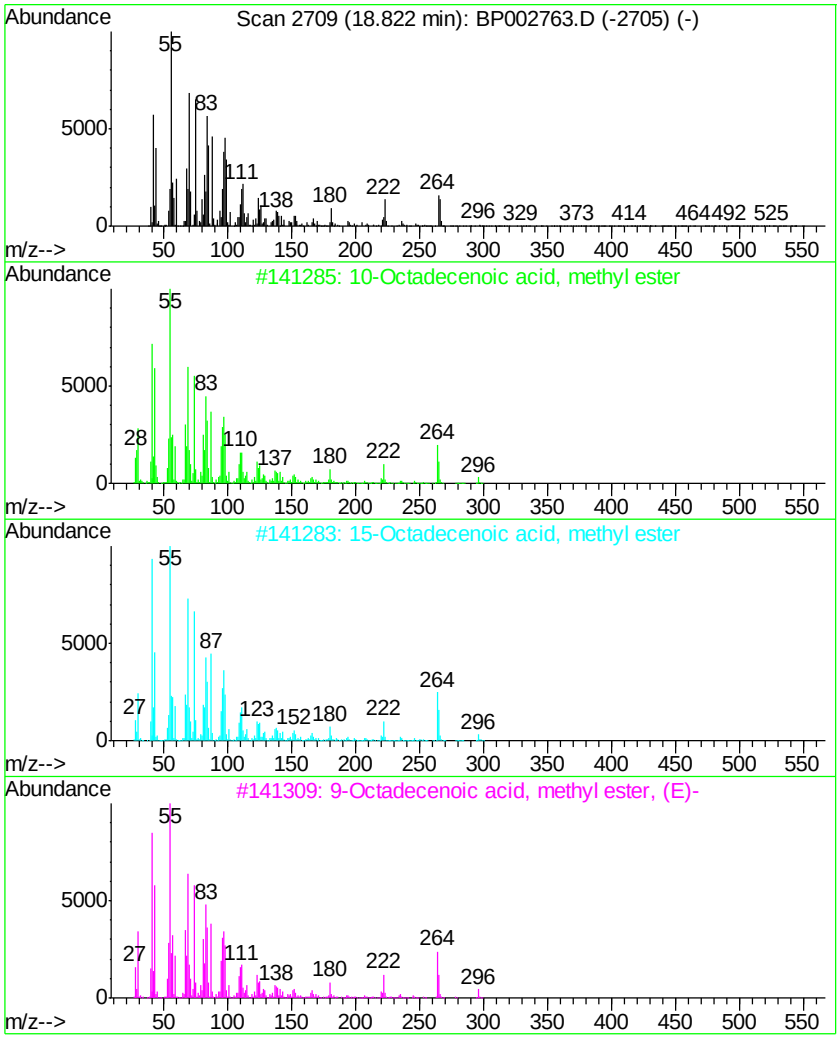
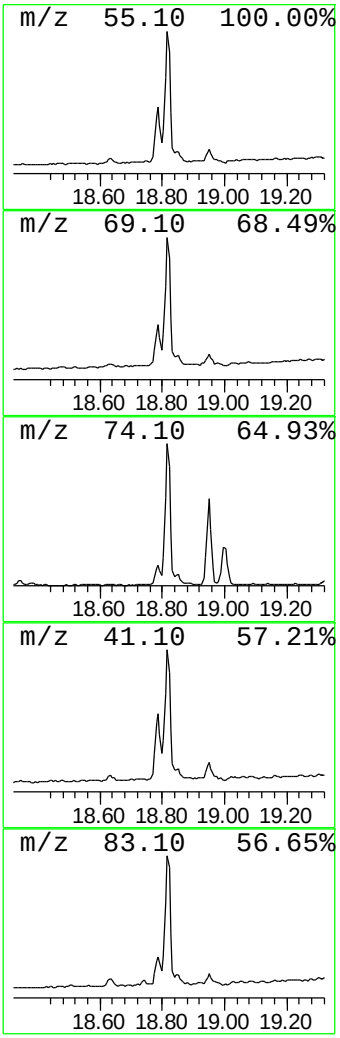
Peak Number 14 10-Octadecenoic acid, methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	21.24 ng	2038090	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
2	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
3	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
4	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
5	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	94





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Operator : CG/JU
Sample : L3305-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FK-GF-02-057-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.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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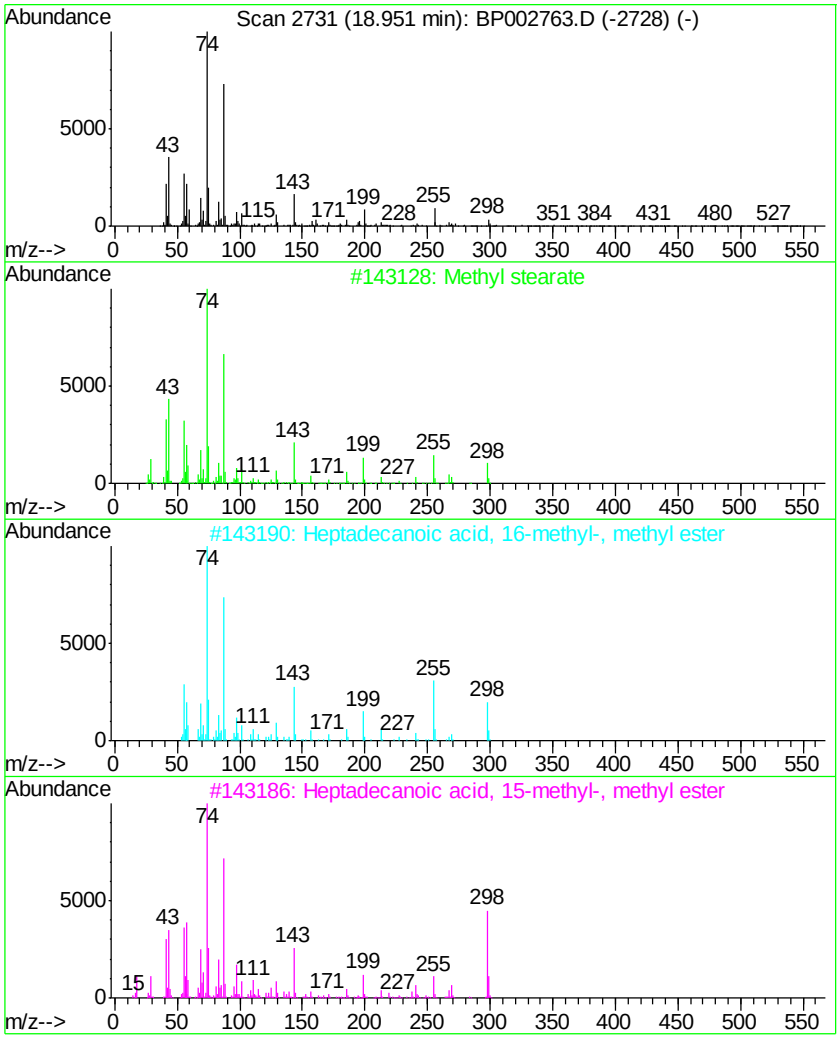
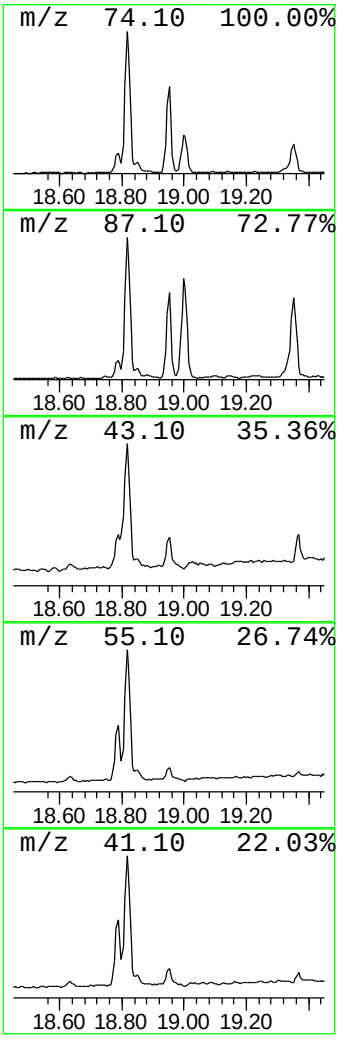
Peak Number 15 Methyl stearate Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.95	2.28 ng	218509	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	94
3	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	93
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	87





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FK-GF-02-057-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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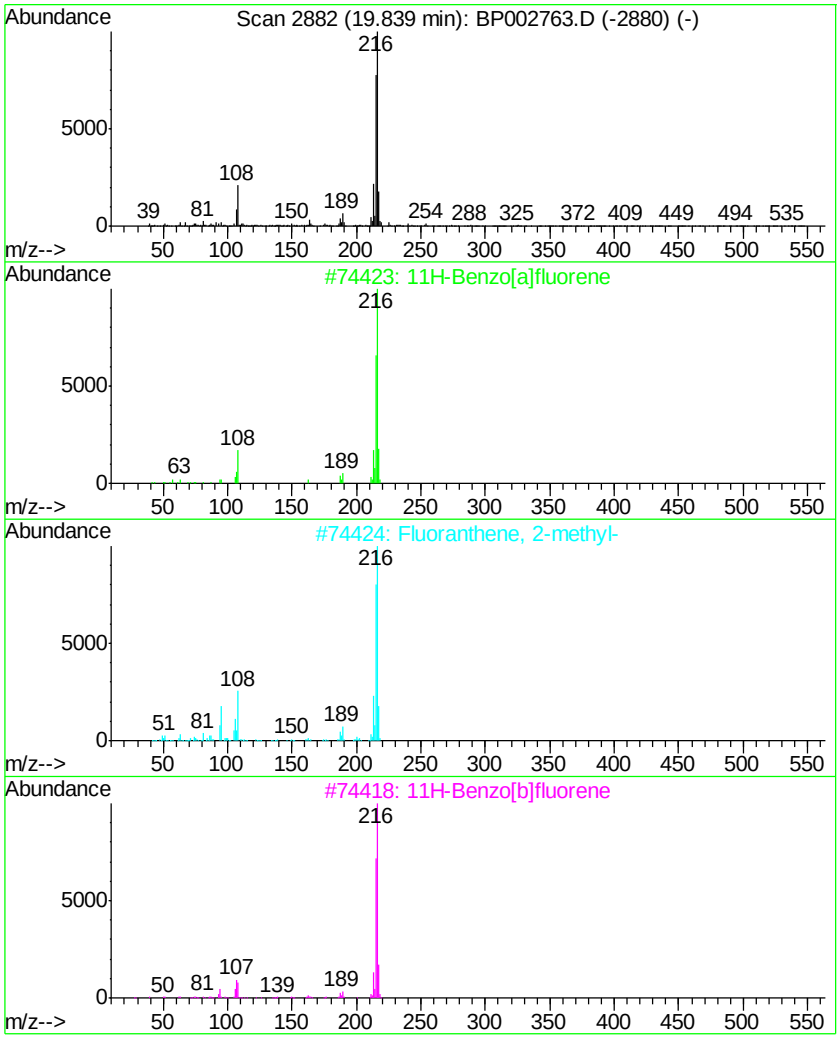
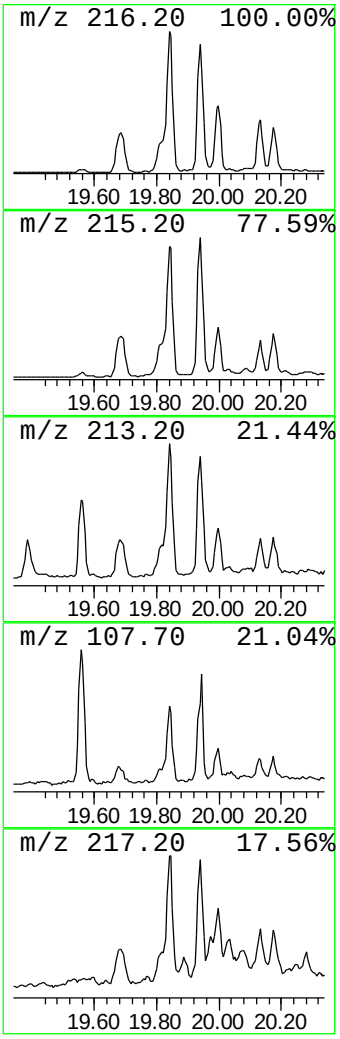
Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.84	2.91 ng	398880	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FK-GF-02-057-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.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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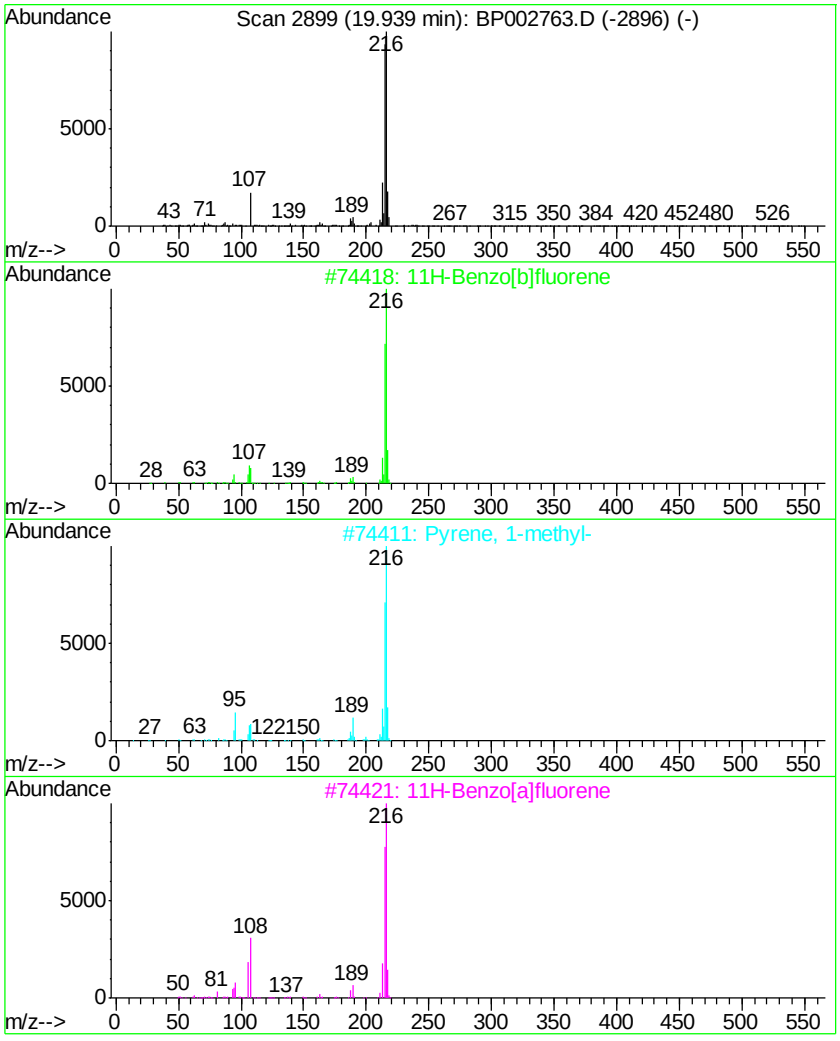
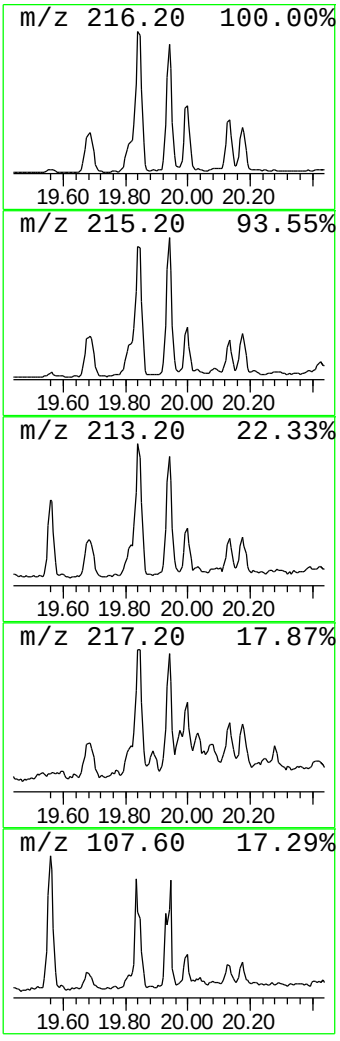
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.94	2.61 ng	358903	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FK-GF-02-057-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
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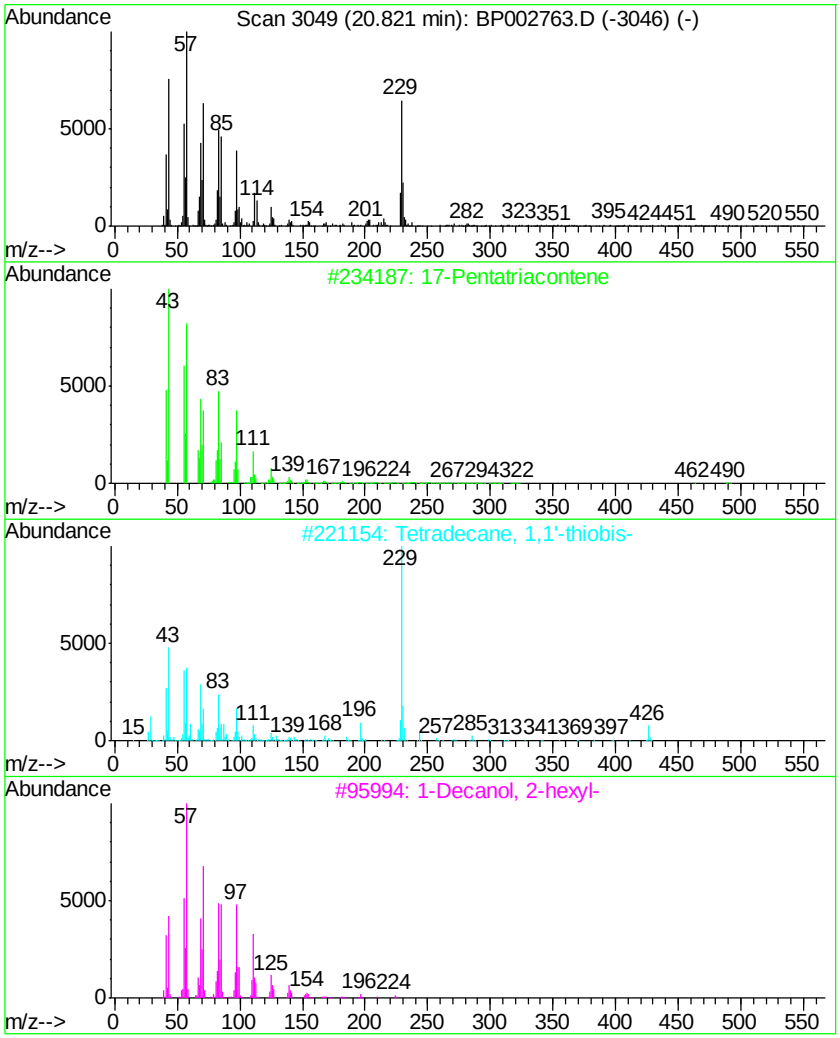
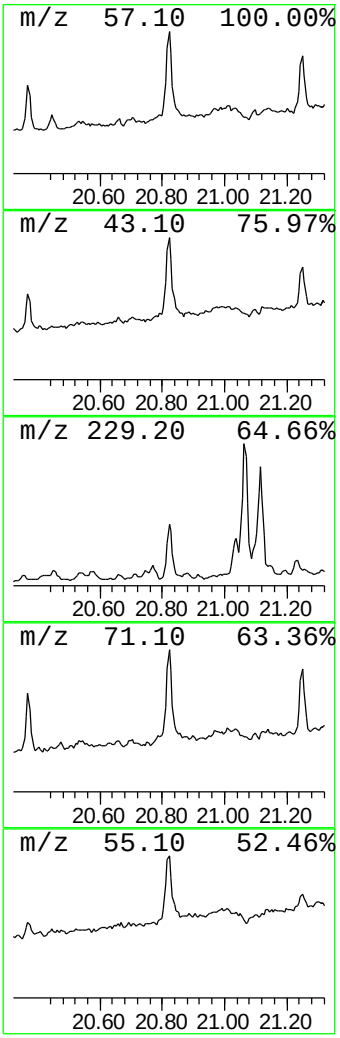
Peak Number 18 17-Pentatriacontene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	3.96 ng	543847	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	66
2	Tetradecane, 1,1'-thiobis-	426	C28H58S	035599-83-8	64
3	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	58
4	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	58
5	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP071520\
Data File : BP002763.D
Acq On : 15 Jul 2020 20:11
Operator : CG/JU
Sample : L3305-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FK-GF-02-057-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.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...	4.72	3.8	ng	181435	1	7.56	966016	20.0
Benzen-d5-amine	6.87	2.4	ng	116354	1	7.56	966016	20.0
Naphthalene, 1,6-...	13.37	2.2	ng	191560	3	14.21	1769170	20.0
Dibenzofuran, 4-m...	15.57	2.0	ng	180663	3	14.21	1769170	20.0
Dibenzothiophene	16.79	3.2	ng	308256	4	16.97	1919400	20.0
Hexadecanoic acid...	17.67	5.5	ng	526024	4	16.97	1919400	20.0
Anthracene, 2-met...	17.85	3.4	ng	324290	4	16.97	1919400	20.0
Phenanthrene, 2-m...	17.90	5.2	ng	498674	4	16.97	1919400	20.0
4H-Cyclopenta[def...	18.03	8.2	ng	789205	4	16.97	1919400	20.0
Phenanthrene, 1-m...	18.07	2.3	ng	222659	4	16.97	1919400	20.0
Naphthalene, 2-ph...	18.34	2.6	ng	253458	4	16.97	1919400	20.0
Phenanthrene, 2,5...	18.75	2.1	ng	197387	4	16.97	1919400	20.0
9,12-Octadecadien...	18.79	10.9	ng	1047780	4	16.97	1919400	20.0
10-Octadecenoic a...	18.82	21.2	ng	2038090	4	16.97	1919400	20.0
Methyl stearate	18.95	2.3	ng	218509	4	16.97	1919400	20.0
11H-Benzo[a]fluorene	19.84	2.9	ng	398880	5	21.08	2745240	20.0
11H-Benzo[b]fluorene	19.94	2.6	ng	358903	5	21.08	2745240	20.0
17-Pentatriacontene	20.82	4.0	ng	543847	5	21.08	2745240	20.0