LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005680.D
Acq On : 02 Jun 2021 23:28
Operator : CG/JU
Sample : M2580-17 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B6(6-12)

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\8270E-BP052721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP005680.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.117	3	5	18	rVB	126252	198840	1.43%	0.146%
2	5.552	413	419	426	rBV	288839	445292	3.21%	0.328%
3	6.675	604	610	616	rVB2	141799	238732	1.72%	0.176%
4	7.152	683	691	697	rBV	364992	647547	4.66%	0.477%
5	7.616	764	770	779	rBV2	222360	464670	3.35%	0.342%
6	7.993	825	834	839	rBV	1071162	1869609	13.46%	1.376%
7	8.128	850	857	862	rBV3	68571	154589	1.11%	0.114%
8	8.540	921	927	932	rBV4	100584	204737	1.47%	0.151%
9	8.669	945	949	957	rVB2	88066	181677	1.31%	0.134%
10	9.104	1014	1023	1027	rBV3	95667	199364	1.44%	0.147%
11	9.157	1027	1032	1036	rVV	188942	347788	2.50%	0.256%
12	9.228	1039	1044	1054	rVB2	331706	590972	4.26%	0.435%
13	10.210	1204	1211	1219	rBV7	73614	193640	1.39%	0.143%
14	10.804	1302	1312	1316	rBV	1340394	2490906	17.94%	1.833%
15	10.851	1316	1320	1328	rVB	1230224	1978143	14.24%	1.456%
16	12.451	1585	1592	1601	rVB	592851	956746	6.89%	0.704%
17	12.669	1622	1629	1639	rVB	347744	595251	4.29%	0.438%
18	13.245	1720	1727	1734	rVB	572922	818165	5.89%	0.602%
19	13.451	1757	1762	1769	rVB	178248	277236	2.00%	0.204%
20	13.651	1791	1796	1805	rVB	104830	194662	1.40%	0.143%
21	13.781	1810	1818	1820	rBV	142912	237870	1.71%	0.175%
22	13.940	1839	1845	1850	rBV	230628	408243	2.94%	0.300%
23	13.992	1850	1854	1860	rVB	161265	235124	1.69%	0.173%
24	14.340	1905	1913	1919	rBV	177066	306022	2.20%	0.225%
25	14.616	1950	1960	1966	rBV	2060775	3155075	22.72%	2.322%
26	14.681	1966	1971	1978	rVB	1660871	2487974	17.91%	1.831%
27	14.822	1988	1995	2004	rBV3	57580	162020	1.17%	0.119%
28	14.928	2004	2013	2017	rBV3	84867	180596	1.30%	0.133%
29	15.010	2021	2027	2035	rVV	1003168	1512016	10.89%	1.113%
30	15.657	2131	2137	2147	rBV	1626600	2482674	17.88%	1.827%
31	15.822	2162	2165	2169	rVB3	214629	283727	2.04%	0.209%
32	15.869	2169	2173	2176	rBV2	108695	156810	1.13%	0.115%
33	15.910	2176	2180	2183	rVV	119892	170670	1.23%	0.126%
34	15.951	2183	2187	2197	rVB	258079	418247	3.01%	0.308%
35	16.098	2207	2212	2219	rVB	664475	1067672	7.69%	0.786%
36	16.339	2247	2253	2258	rVB2	156163	315351	2.27%	0.232%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005680.D
Acq On : 02 Jun 2021 23:28
Operator : CG/JU
Sample : M2580-17 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B6(6-12)

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\8270E-BP052721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	16.663	2302	2308	2312	rVB2	214173	360840	2.60%	0.266%
38	16.710	2312	2316	2322	rVB2	120972	175800	1.27%	0.129%
39	17.010	2364	2367	2374	rVB3	128009	196917	1.42%	0.145%
40	17.116	2382	2385	2390	rVB3	164309	221031	1.59%	0.163%
41	17.175	2391	2395	2405	rVB	610333	935586	6.74%	0.689%
42	17.363	2421	2427	2430	rBV	2164764	3298540	23.75%	2.428%
43	17.410	2430	2435	2440	rVV	9080006	13596194	97.90%	10.007%
44	17.492	2441	2449	2455	rVV	2602753	3748772	26.99%	2.759%
45	17.551	2455	2459	2464	rVV2	176687	285001	2.05%	0.210%
46	17.757	2489	2494	2501	rVB	1444244	1996710	14.38%	1.470%
47	18.222	2568	2573	2577	rBV	817996	1105862	7.96%	0.814%
48	18.269	2577	2581	2585	rVV	1135596	1585209	11.41%	1.167%
49	18.304	2585	2587	2590	rVV	463866	457082	3.29%	0.336%
50	18.345	2590	2594	2599	rVB	420157	558699	4.02%	0.411%
51	18.410	2599	2605	2609	rBV2	1499167	2532781	18.24%	1.864%
52	18.445	2609	2611	2616	rVB	471929	515815	3.71%	0.380%
53	18.551	2626	2629	2633	rVB	134116	154217	1.11%	0.114%
54	18.698	2650	2654	2658	rBV	614337	781481	5.63%	0.575%
55	18.739	2658	2661	2667	rVB3	230543	314657	2.27%	0.232%
56	18.933	2691	2694	2698	rVB	242114	296909	2.14%	0.219%
57	19.104	2719	2723	2728	rBV	333210	605716	4.36%	0.446%
58	19.239	2743	2746	2752	rBV5	157638	265677	1.91%	0.196%
59	19.363	2761	2767	2773	rBV	10218024	13888290	100.00%	10.222%
60	19.451	2780	2782	2786	rVB	224927	236991	1.71%	0.174%
61	19.592	2804	2806	2810	rVB	259373	309223	2.23%	0.228%
62	19.686	2816	2822	2823	rBV2	1953316	2882202	20.75%	2.121%
63	19.716	2823	2827	2834	rVV	7824129	11008835	79.27%	8.102%
64	19.775	2834	2837	2845	rVB2	406813	675819	4.87%	0.497%
65	19.898	2852	2858	2862	rVB2	833101	1479446	10.65%	1.089%
66	19.945	2863	2866	2870	rVB	374435	448885	3.23%	0.330%
67	20.016	2874	2878	2880	rBV2	501298	744969	5.36%	0.548%
68	20.074	2885	2888	2891	rBV	265702	297224	2.14%	0.219%
69	20.192	2904	2908	2912	rVB	1565621	2070651	14.91%	1.524%
70	20.286	2920	2924	2928	rBV2	1495624	1876909	13.51%	1.381%
71	20.380	2937	2940	2943	rVB	406570	463041	3.33%	0.341%
72	20.569	2969	2972	2976	rVB	945750	1077582	7.76%	0.793%
73	21.080	3056	3059	3062	rBV	671457	793876	5.72%	0.584%
74	21.121	3062	3066	3069	rVV2	823075	1096480	7.89%	0.807%
75	21.327	3098	3101	3106	rVB	1427513	1693863	12.20%	1.247%
76	21.416	3111	3116	3122	rVV3	5552392	10829305	77.97%	7.970%

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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B6(6-12)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	21.469	3122	3125	3134	rVB	4053596	5412694	38.97%	3.984%
78	21.592	3143	3146	3152	rVB	842942	1055681	7.60%	0.777%
79	23.139	3403	3409	3414	rBV	2605867	6368222	45.85%	4.687%
80	23.668	3495	3499	3509	rVB	1628781	3353533	24.15%	2.468%
81	23.774	3512	3517	3526	rVB	2563978	5244762	37.76%	3.860%
82	23.886	3532	3536	3541	rVB2	1129360	1943190	13.99%	1.430%

Sum of corrected areas: 135869826

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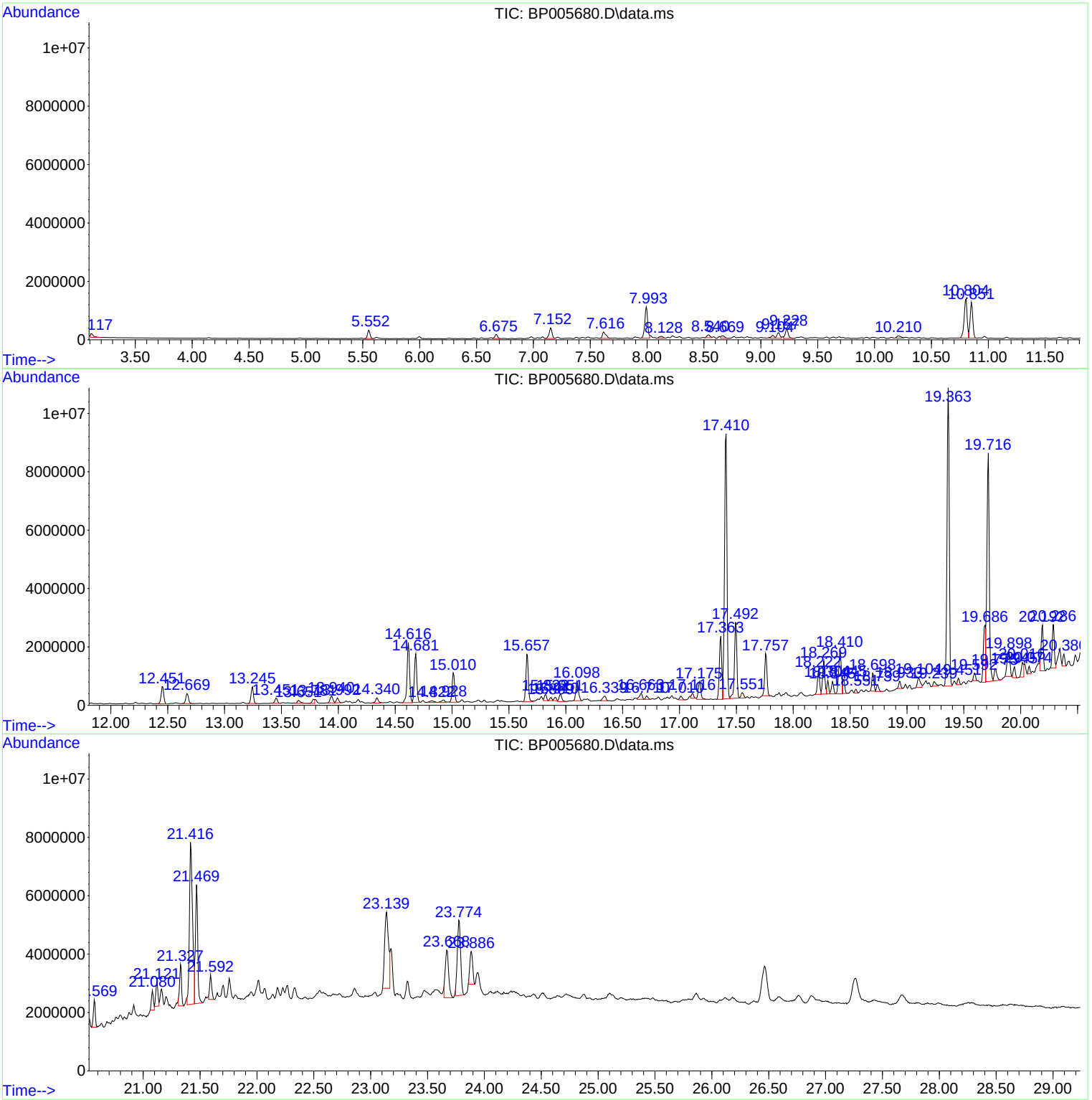
Operator : CG/JU
Sample : M2580-17 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B6(6-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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_P\Data\BP060221\
Data File : BP005680.D
Acq On : 02 Jun 2021 23:28
Operator : CG/JU
Sample : M2580-17 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B6(6-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

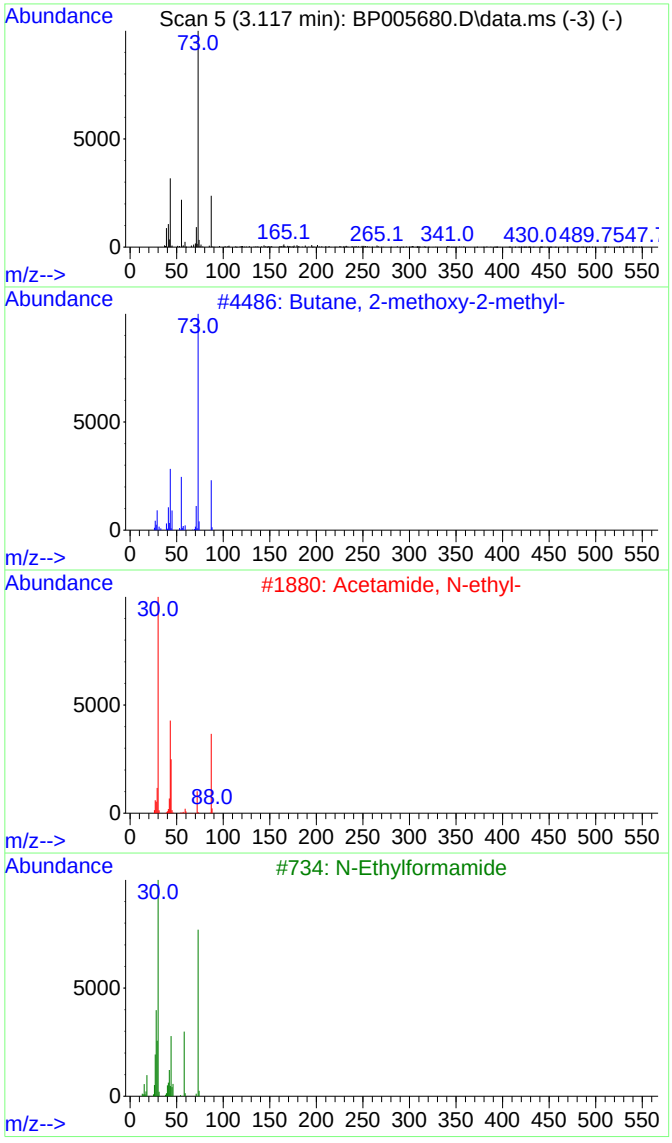
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

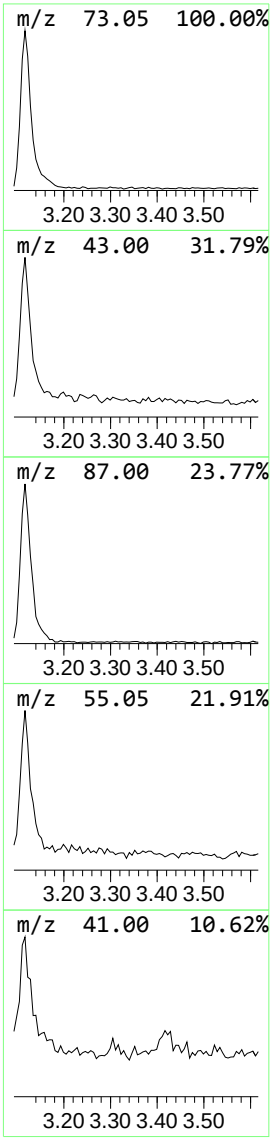
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.117	2.13 ng	198840	1,4-Dichlorobenzene-d4	7.993

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
2	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	7
3	N-Ethylformamide	73	C3H7NO	000627-45-2	5
4	4,6-O-Ethylidene-.alpha.-D-glucose	206	C8H14O6	013224-99-2	5
5	1,5-Heptadiene, 1,5-bis(trimethy...	252	C14H28Si2	1000153-97-1	5





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005680.D
Acq On : 02 Jun 2021 23:28
Operator : CG/JU
Sample : M2580-17 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B6(6-12)

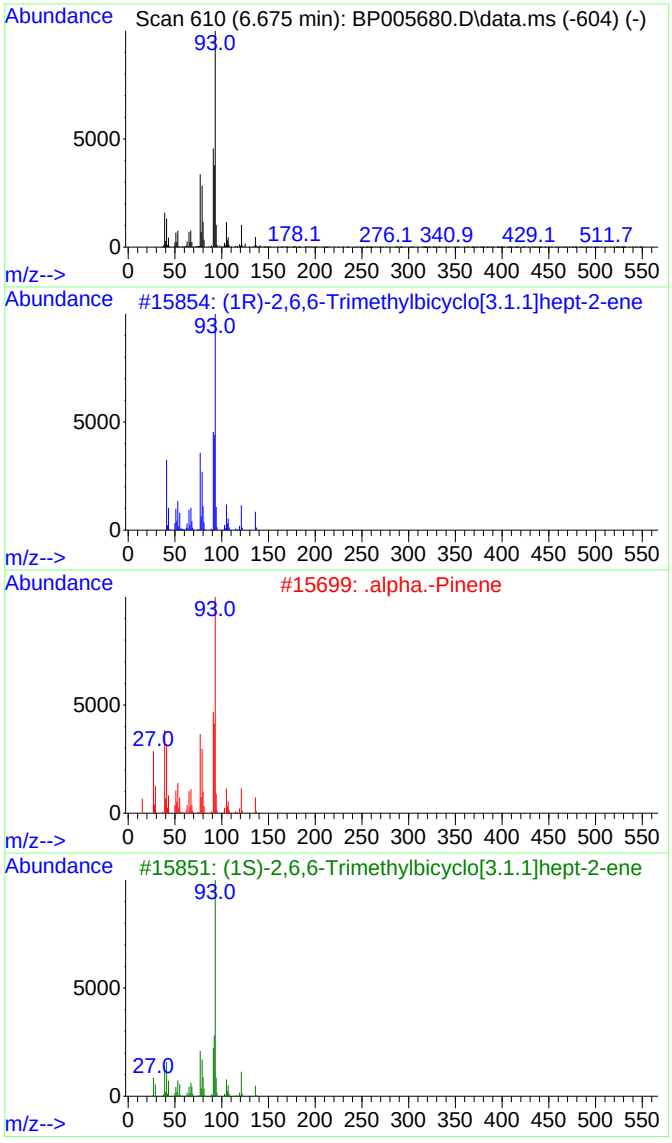
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

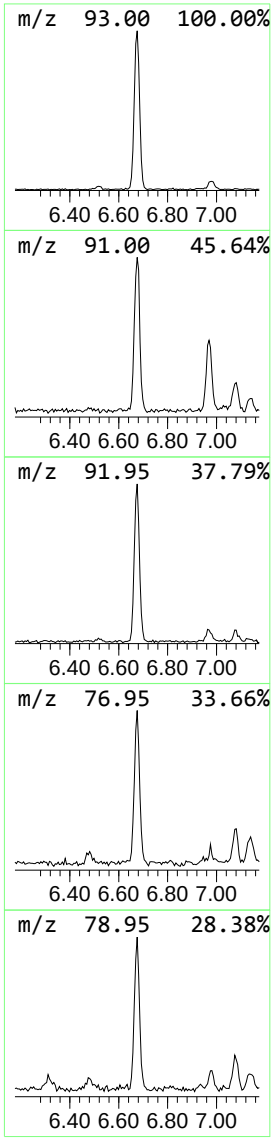
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.675	2.55 ng	238732	1,4-Dichlorobenzene-d4	7.993

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	95
2	.alpha.-Pinene	136	C10H16	000080-56-8	95
3	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	91
4	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
5	Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	90





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Instrument :
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18-B6(6-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

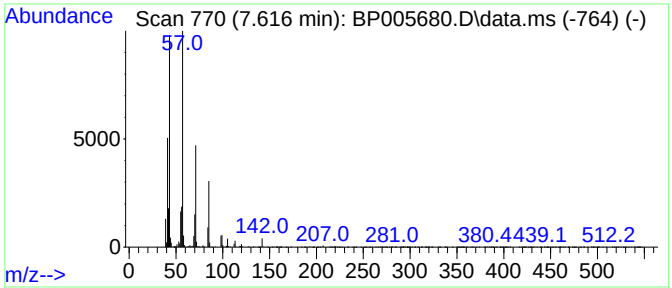
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

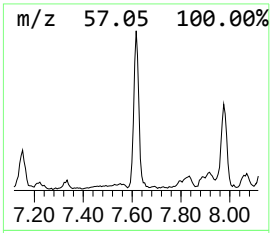
****

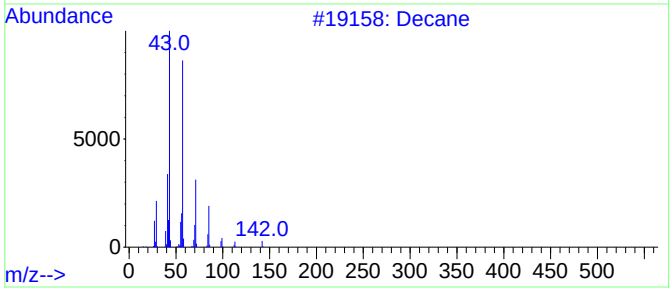
Peak Number 3 Decane Concentration Rank 6

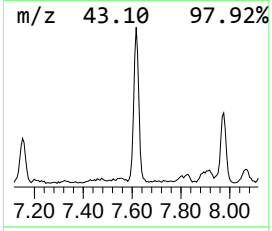
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.616	4.97 ng	464670	1,4-Dichlorobenzene-d4	7.993

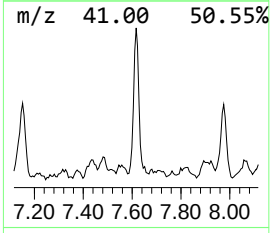
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	91
2	Undecane	156	C11H24	001120-21-4	83
3	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	83
4	Nonane	128	C9H20	000111-84-2	81
5	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	64

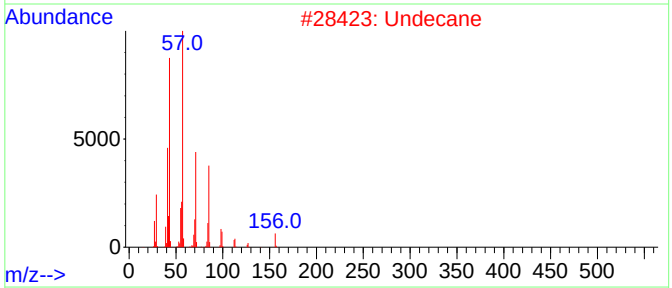


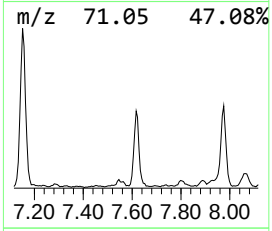


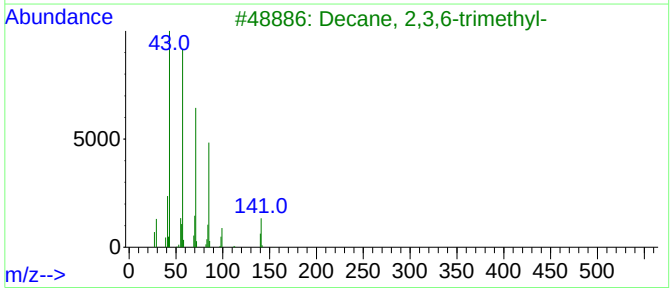


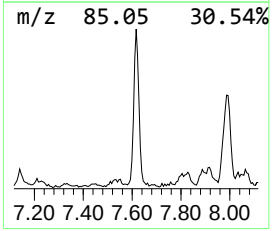












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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

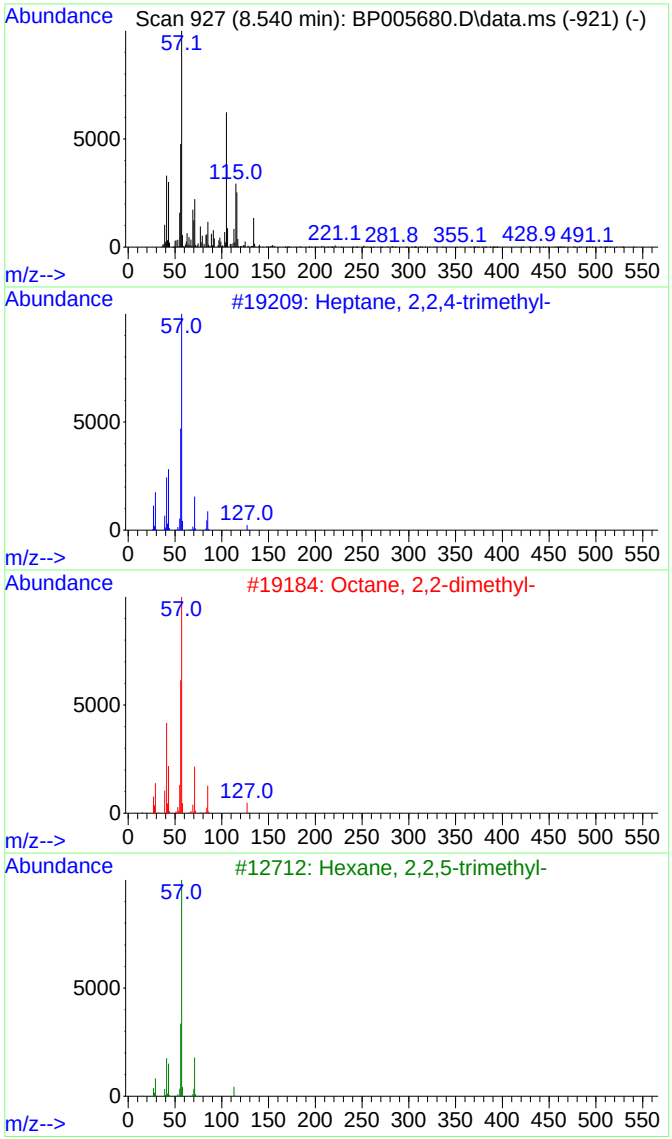
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

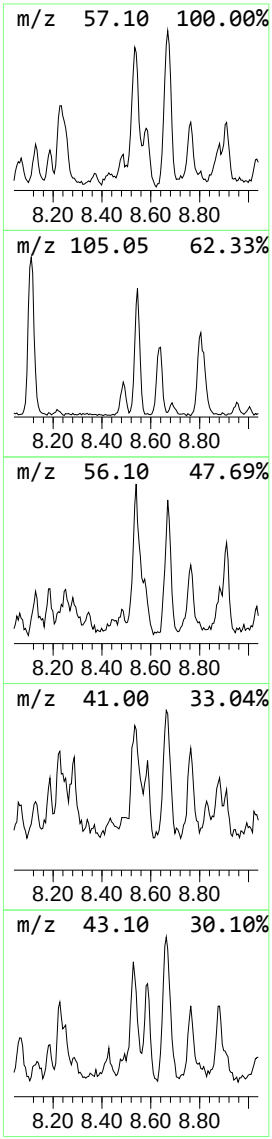
****

Peak Number 4 unknown8.540 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.540	2.19 ng	204737	1,4-Dichlorobenzene-d4	7.993

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	47
2	Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	47
3	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	38
4	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	38
5	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	38





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TIC Integration Parameters: LSCINT.P

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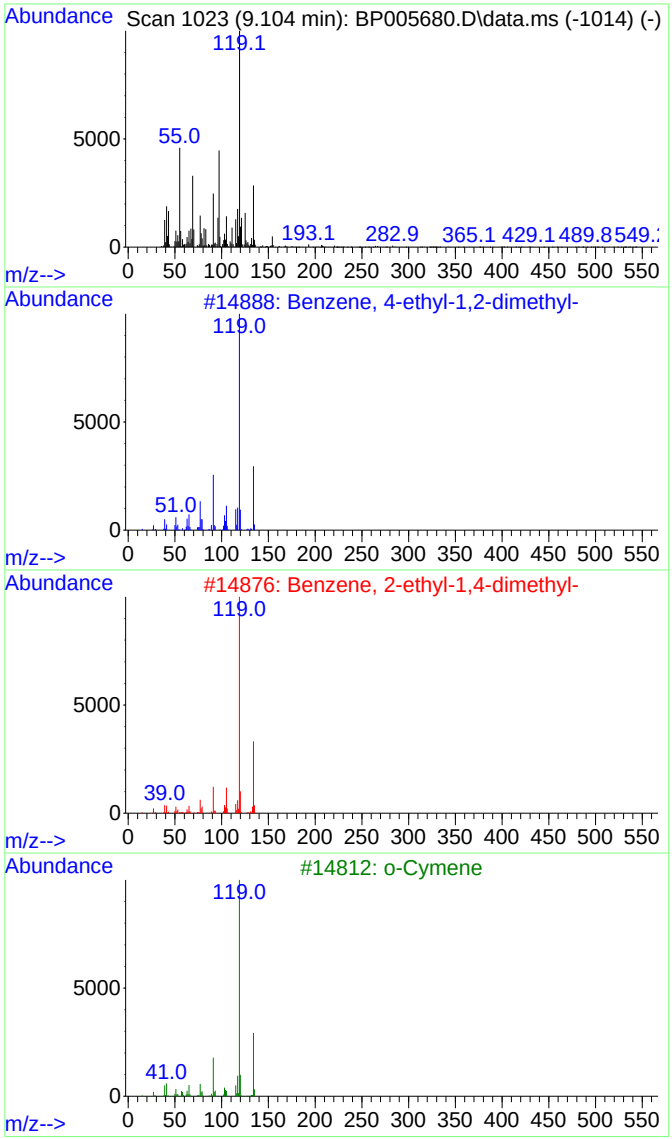
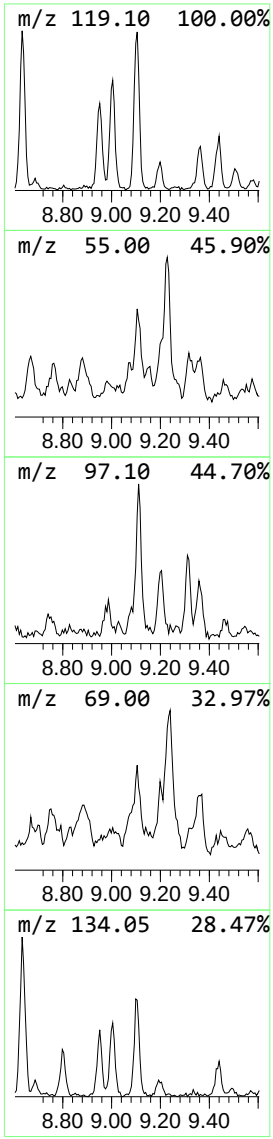
Peak Number 5 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.104	2.13 ng	199364	1,4-Dichlorobenzene-d4	7.993

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	49
3	o-Cymene	134	C10H14	000527-84-4	49
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	49
5	1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	49





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Acq On : 02 Jun 2021 23:28
Operator : CG/JU
Sample : M2580-17 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B6(6-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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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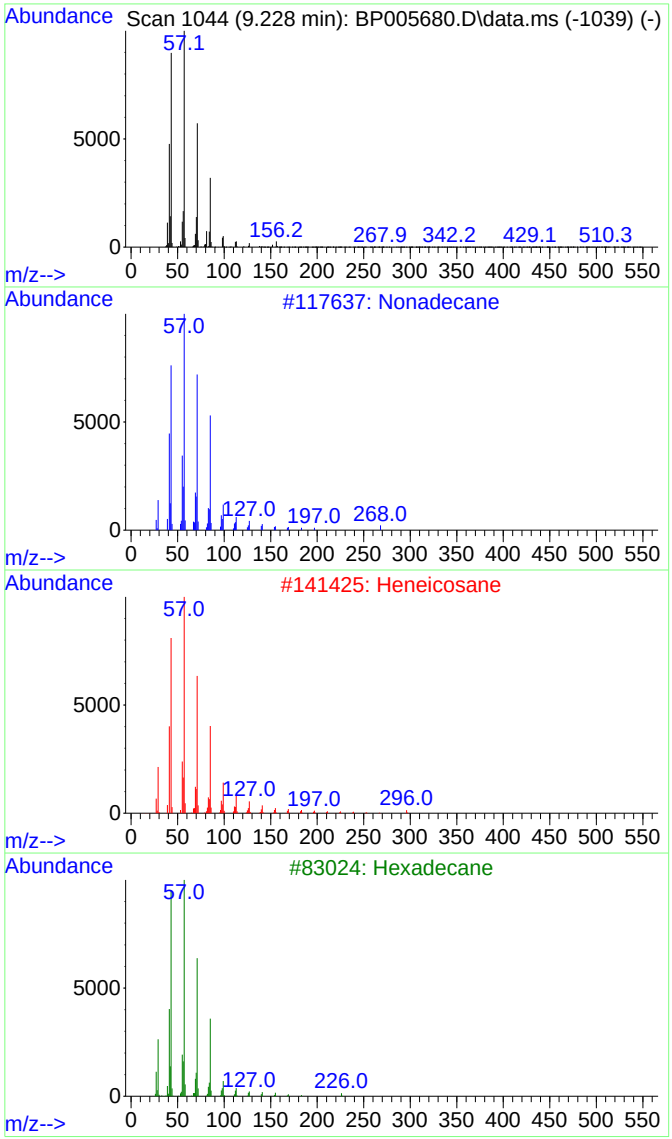
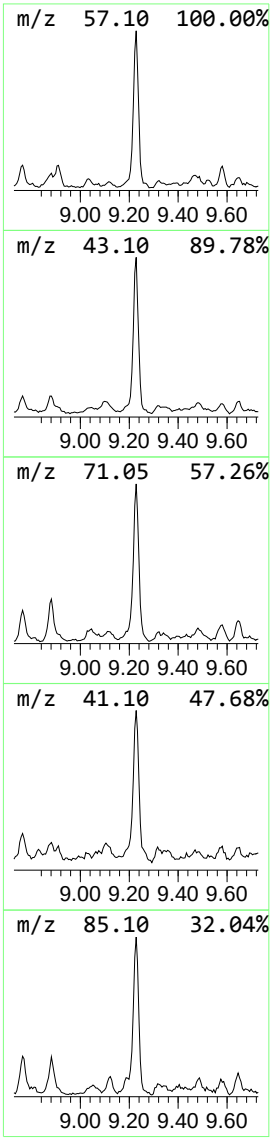
Peak Number 6 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.228	6.32 ng	590972	1,4-Dichlorobenzene-d4	7.993

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tridecane	184	C13H28	000629-50-5	86
5	Heptadecane	240	C17H36	000629-78-7	74





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
18-B6(6-12)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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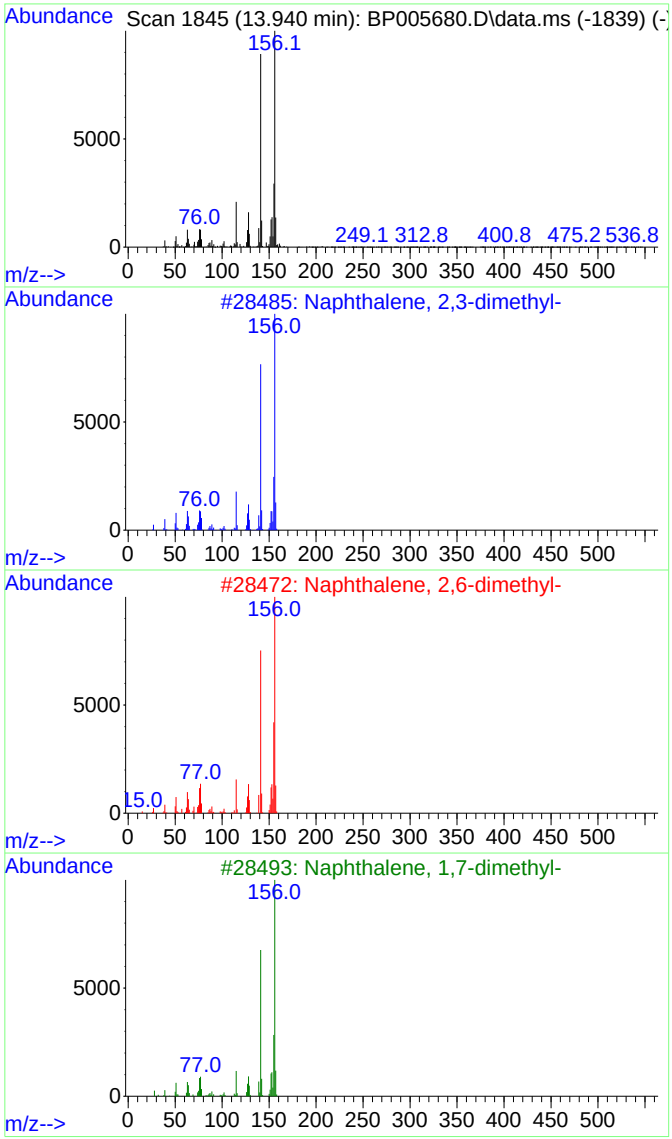
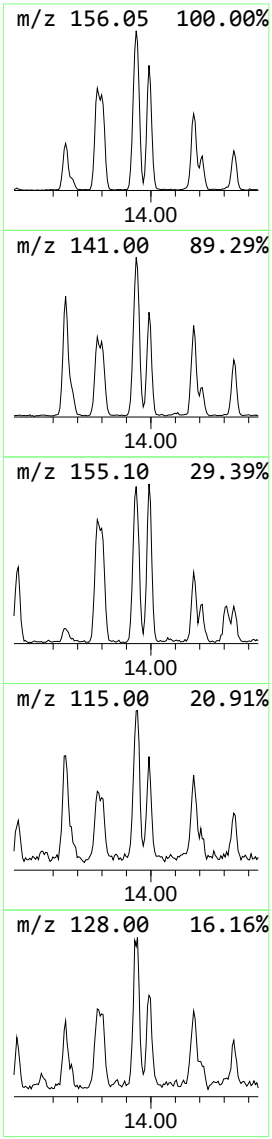
Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.940	2.59 ng	408243	Acenaphthene-d10	14.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
18-B6(6-12)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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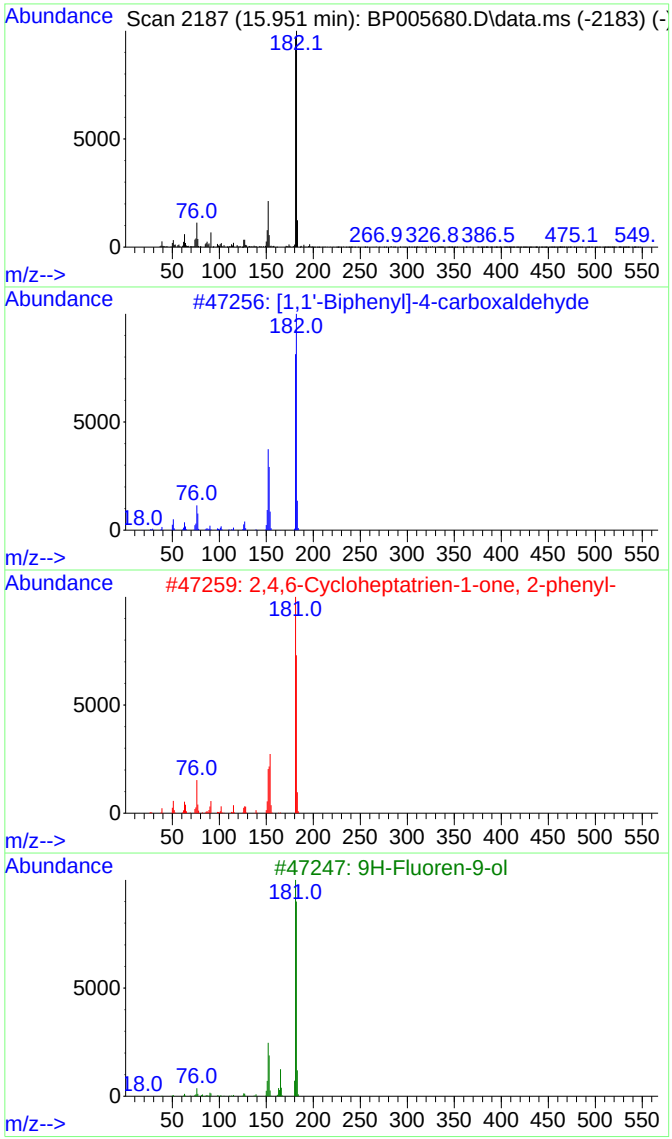
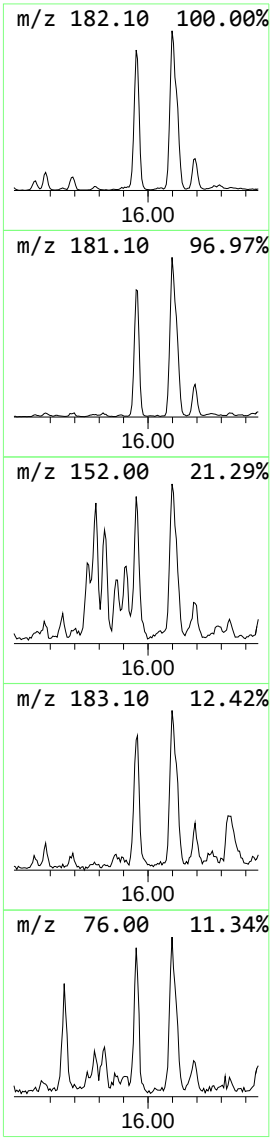
Peak Number 8 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.951	2.65 ng	418247	Acenaphthene-d10	14.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	Norharmane, N-methyl-	182	C12H10N2	1000374-78-6	72
5	9H-Xanthene	182	C13H10O	000092-83-1	64





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Operator : CG/JU
Sample : M2580-17 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B6(6-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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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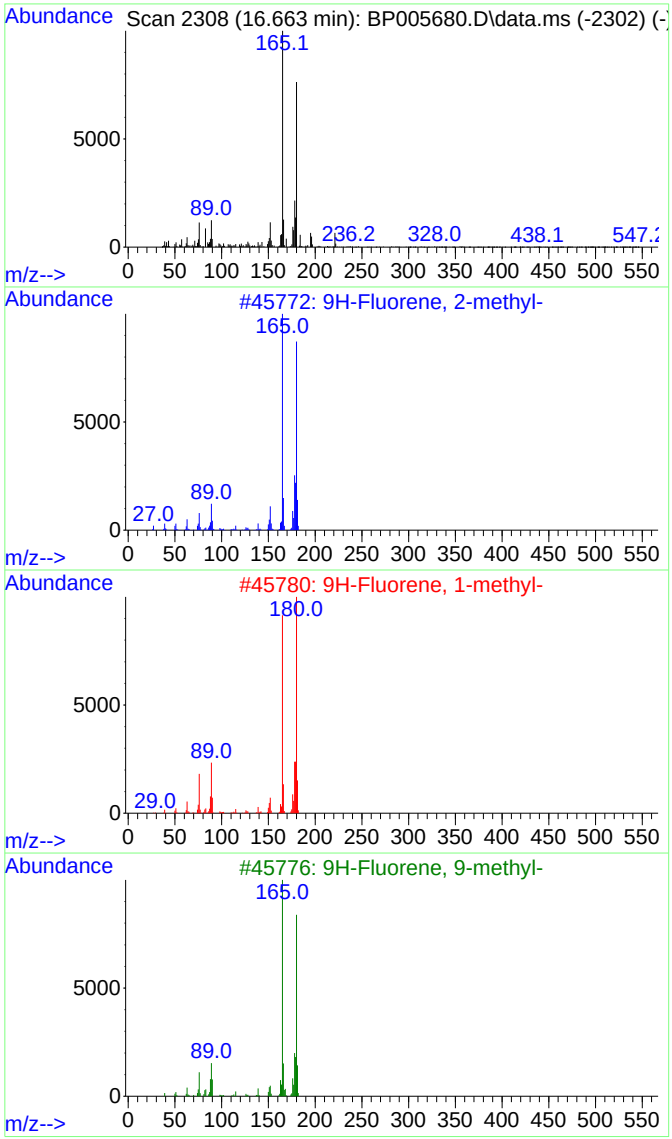
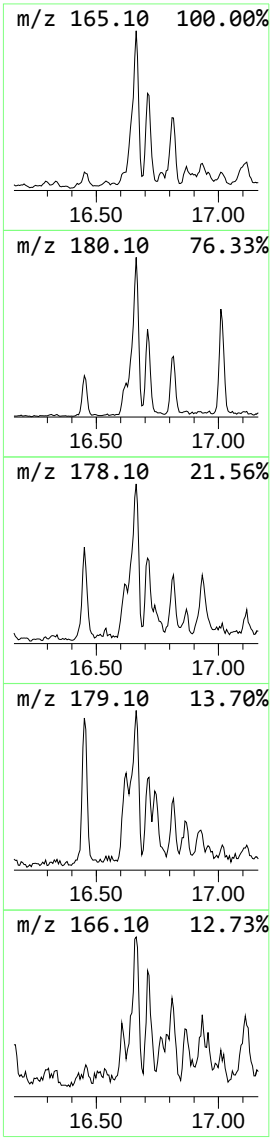
Peak Number 9 9H-Fluorene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.663	2.19 ng	360840	Phenanthrene-d10	17.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	81
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	74
4	Ethanone, 1-(3,4-dimethoxyphenyl)-	180	C10H12O3	001131-62-0	58
5	Silane, trimethyl(2-methylphenoxy)-	180	C10H16OSi	001009-02-5	58





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Misc :
ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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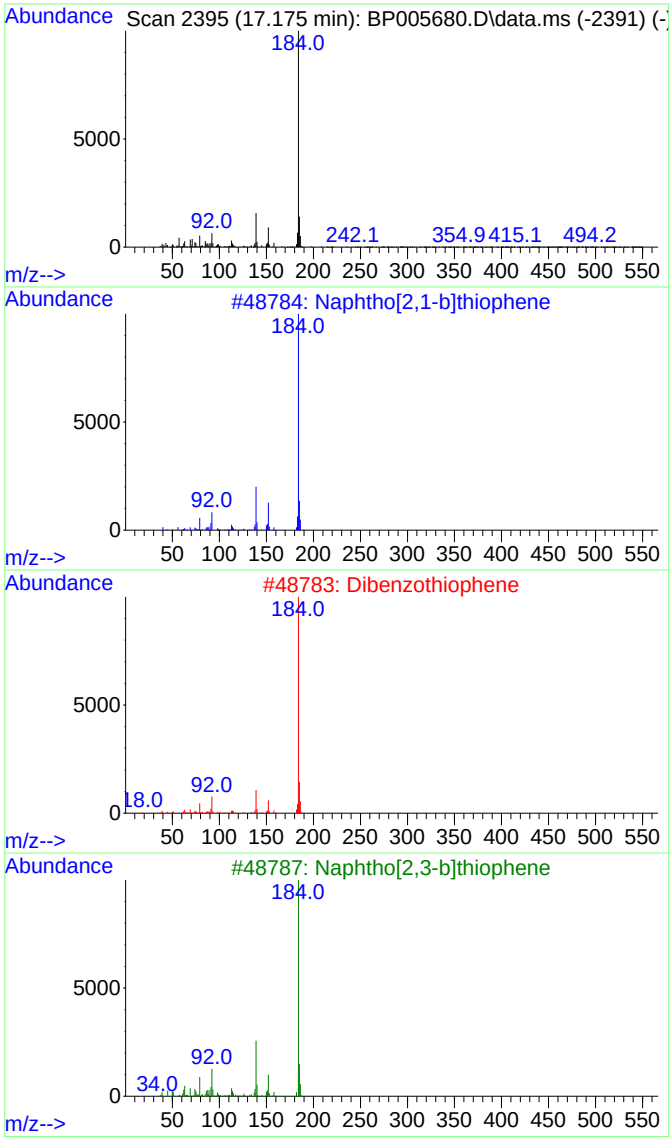
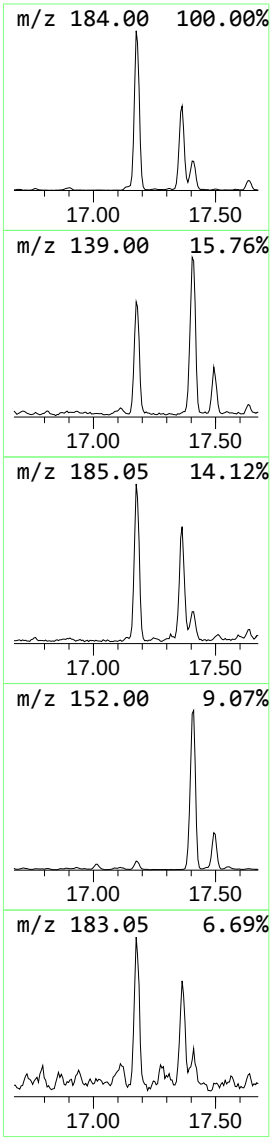
Peak Number 10 Naphtho[2,1-b]thiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.175	5.67 ng	935586	Phenanthrene-d10	17.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	97
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Misc :
ALS Vial : 18 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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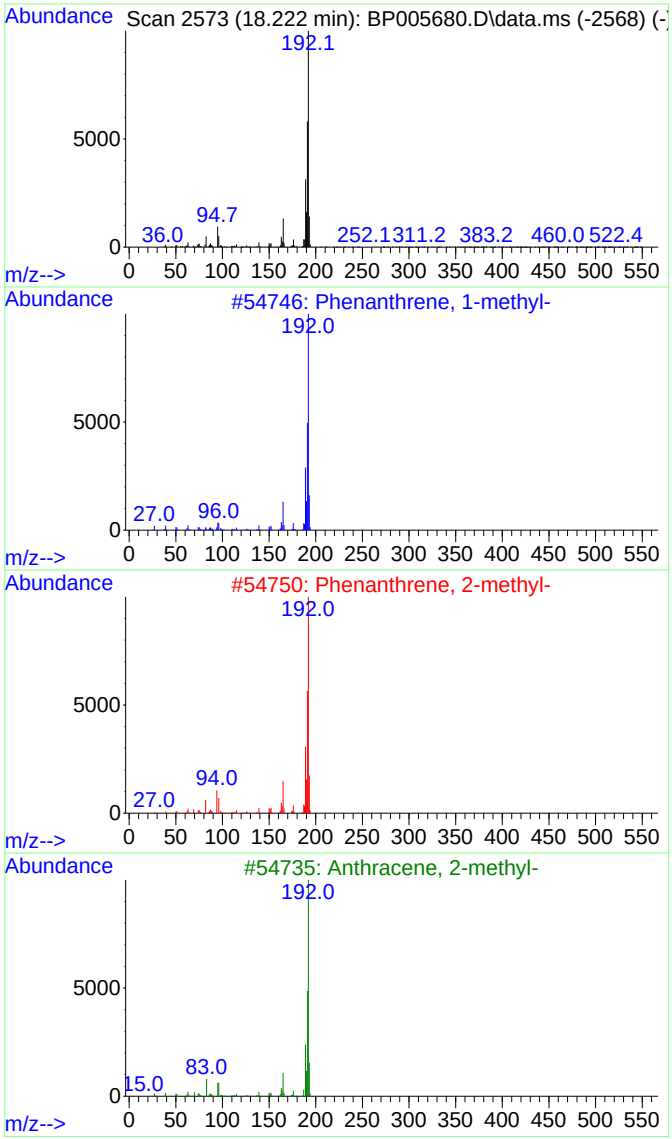
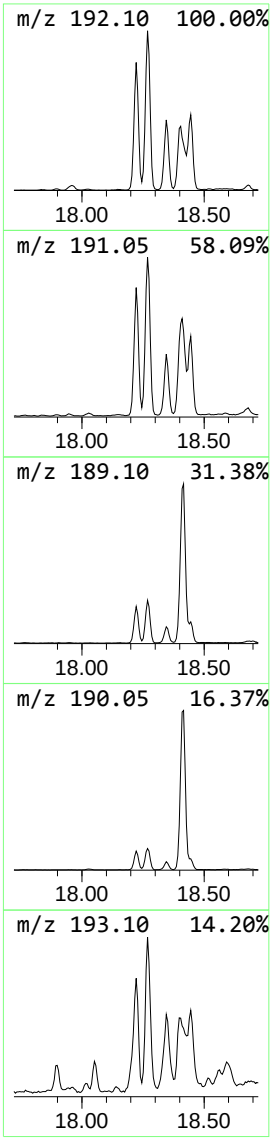
Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.222	6.71 ng	1105860	Phenanthrene-d10	17.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
18-B6(6-12)

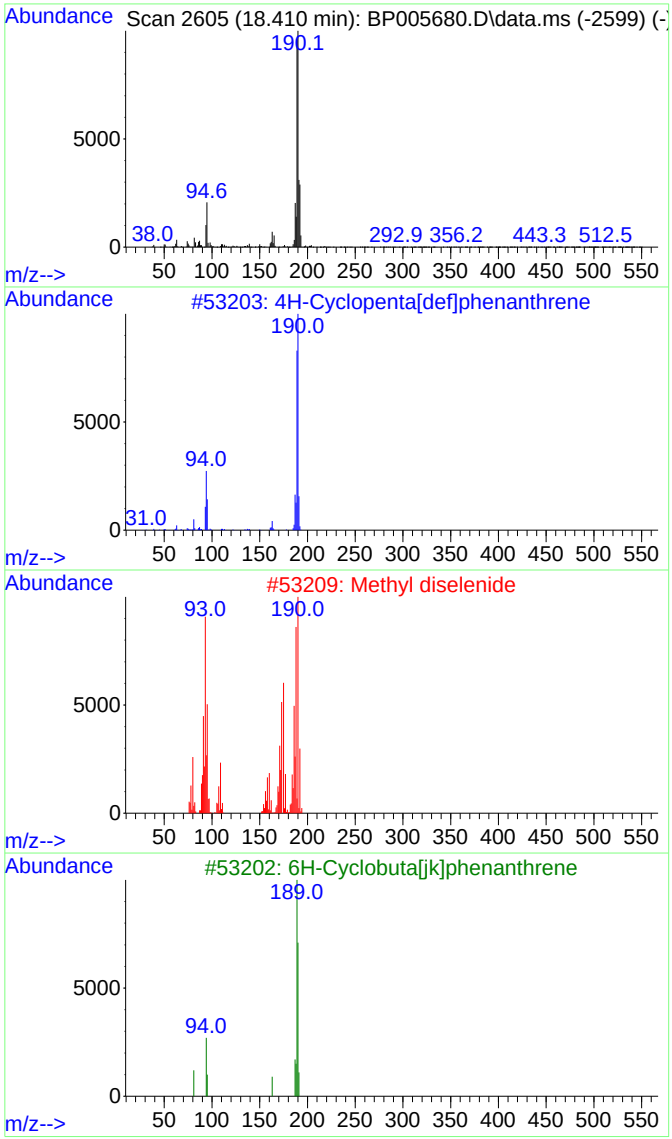
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

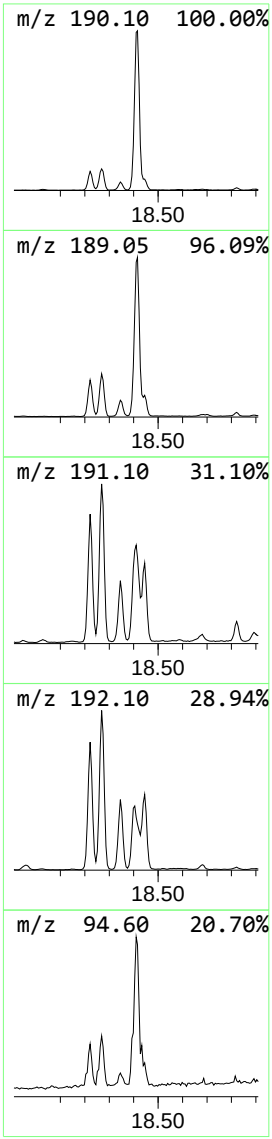
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.410	15.36 ng	2532780	Phenanthrene-d10	17.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Methyl diselenide	190	C2H6Se2	007101-31-7	55
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
18-B6(6-12)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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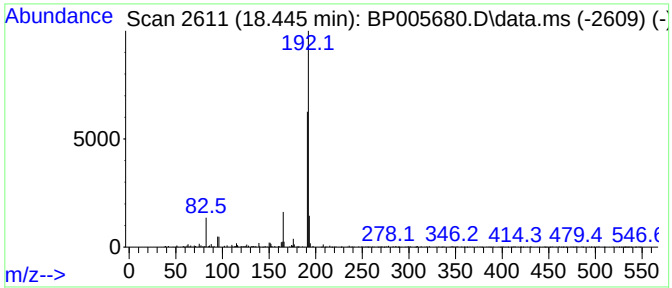
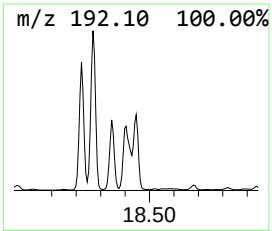
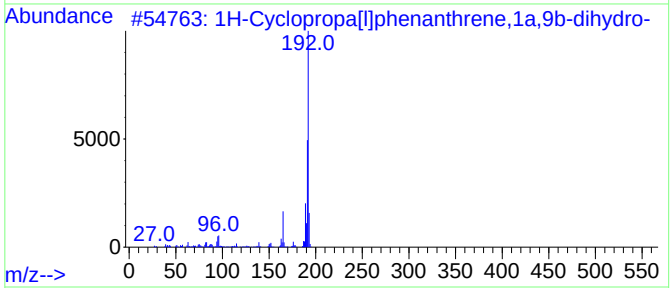
Peak Number 13 1H-Cyclopropa[l]phenanthren... Concentration Rank 11

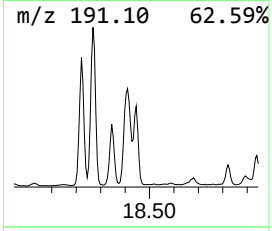
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.445	3.13 ng	515815	Phenanthrene-d10	17.363

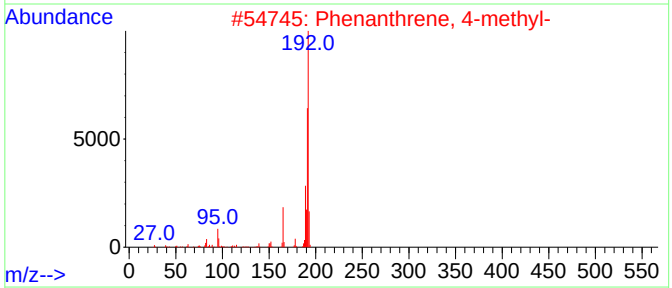
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87

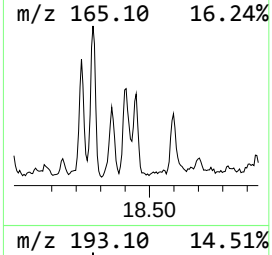


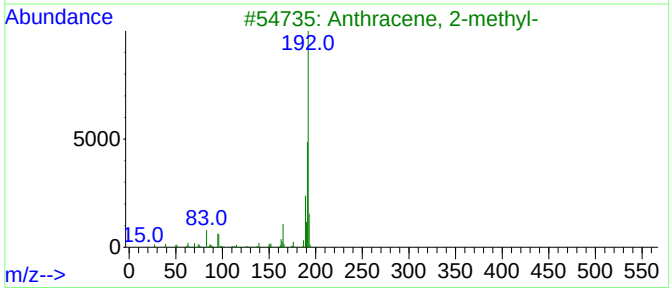


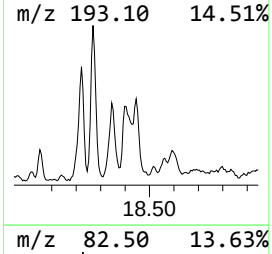


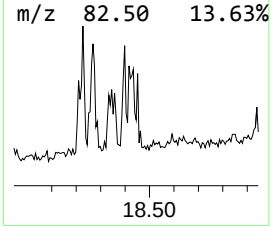












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Operator : CG/JU
Sample : M2580-17 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B6(6-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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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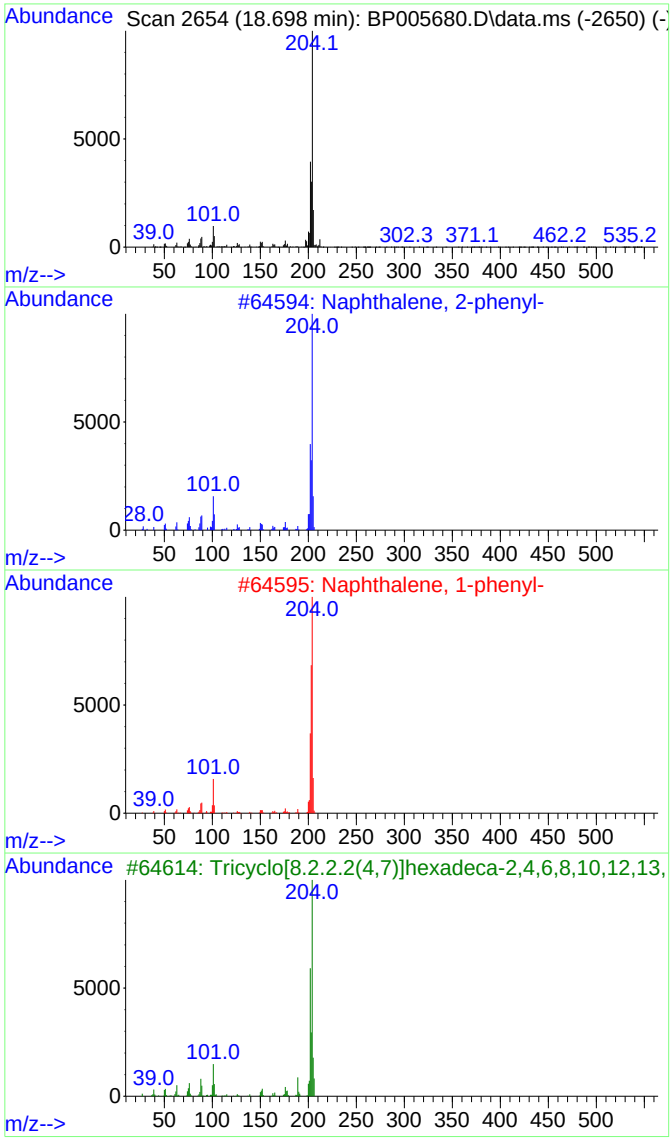
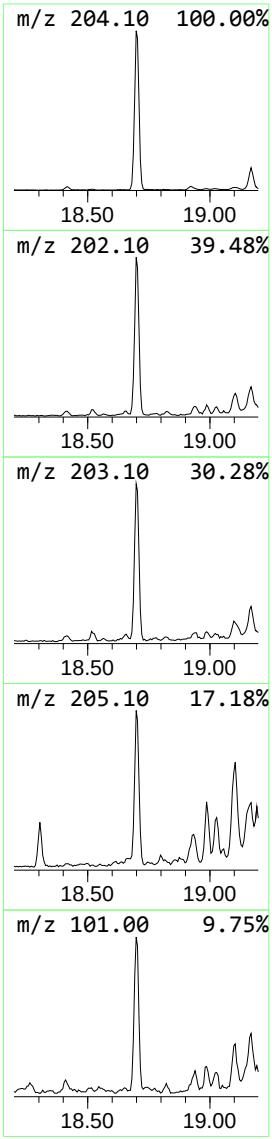
Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.698	4.74 ng	781481	Phenanthrene-d10	17.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	70
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53
5	Levamisole	204	C11H12N2S	014769-73-4	49





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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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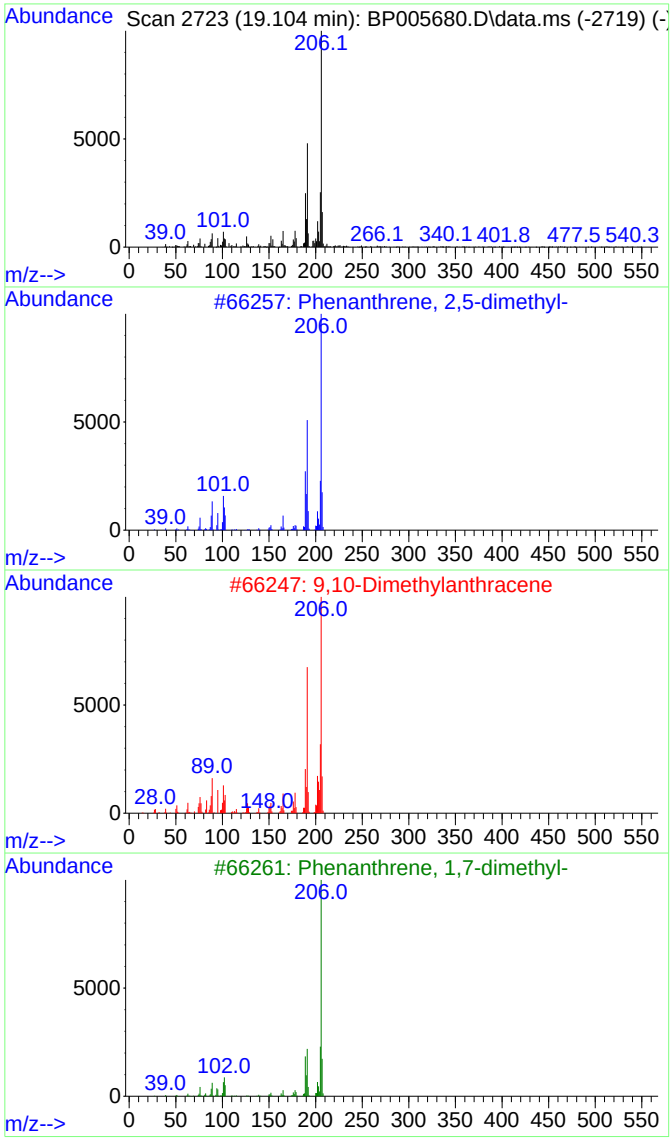
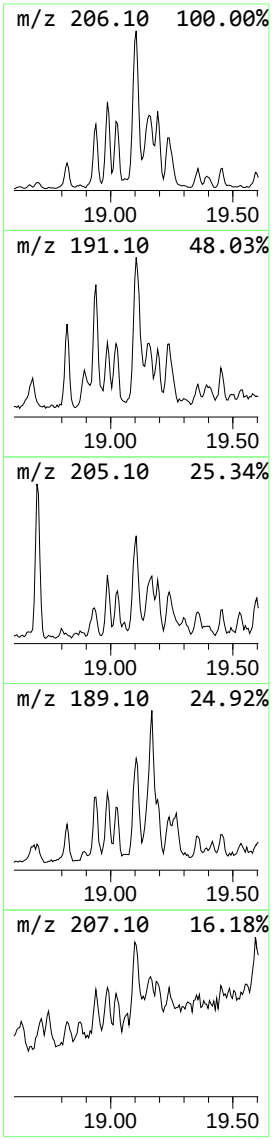
Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.104	3.67 ng	605716	Phenanthrene-d10	17.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005680.D
Acq On : 02 Jun 2021 23:28
Operator : CG/JU
Sample : M2580-17 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B6(6-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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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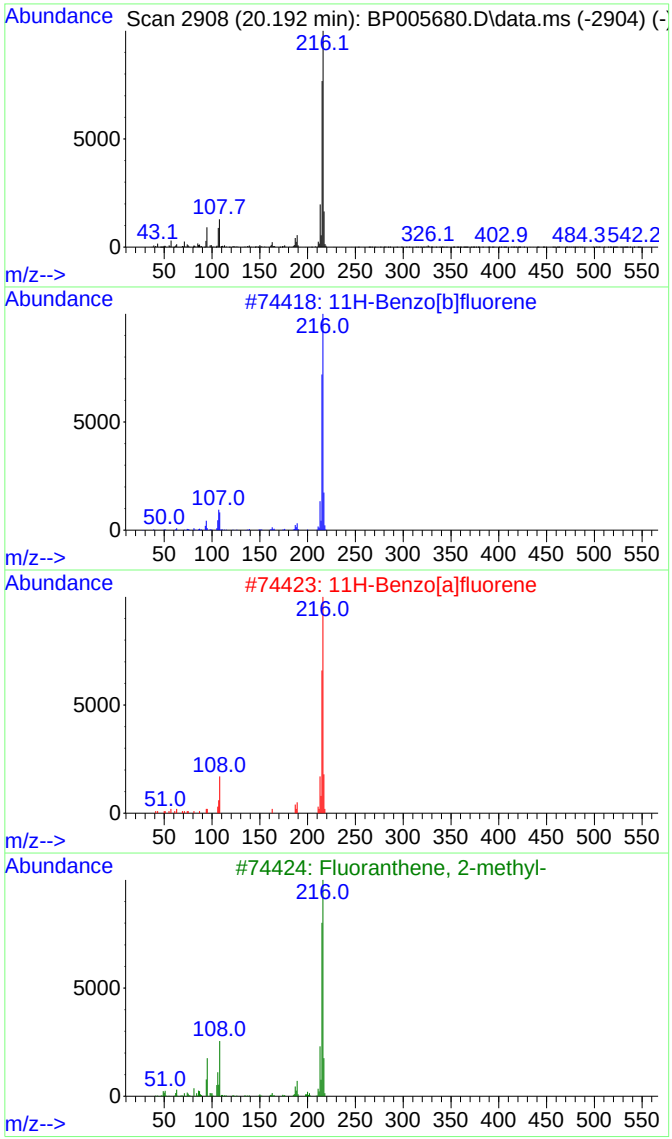
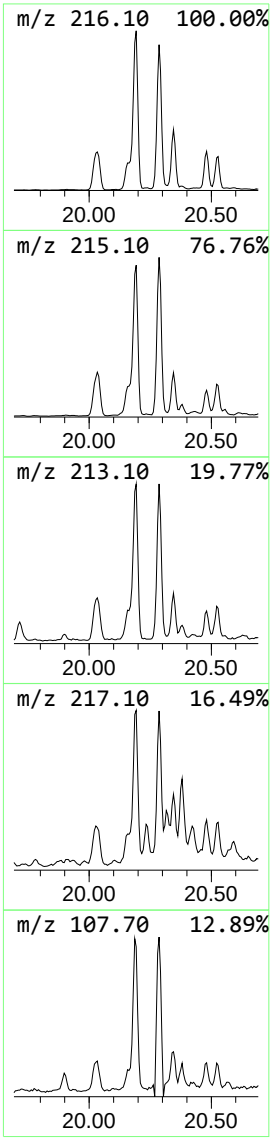
Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.192	3.82 ng	2070650	Chrysene-d12	21.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64





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Data File : BP005680.D
Acq On : 02 Jun 2021 23:28
Operator : CG/JU
Sample : M2580-17 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B6(6-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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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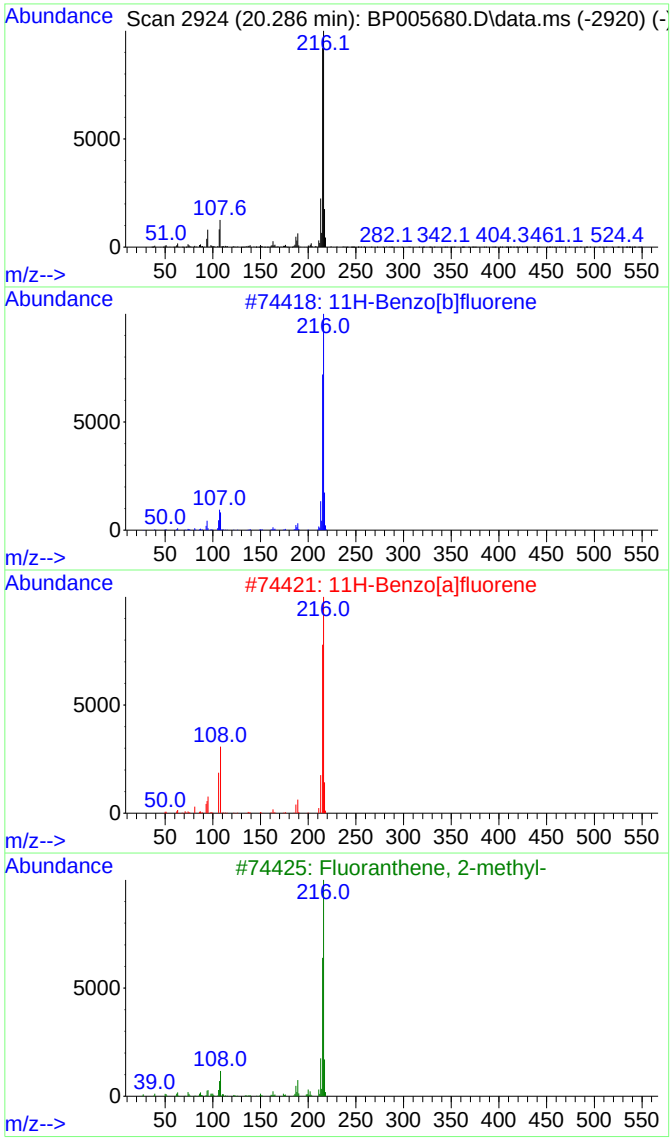
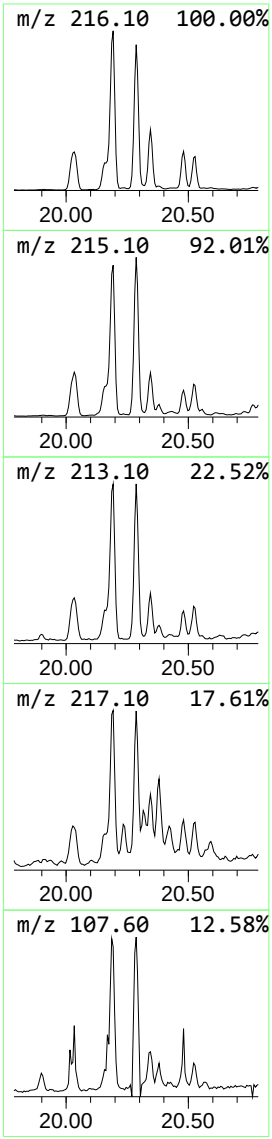
Peak Number 17 11H-Benzo[a]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.286	3.47 ng	1876910	Chrysene-d12	21.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	62





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Data File : BP005680.D
Acq On : 02 Jun 2021 23:28
Operator : CG/JU
Sample : M2580-17 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B6(6-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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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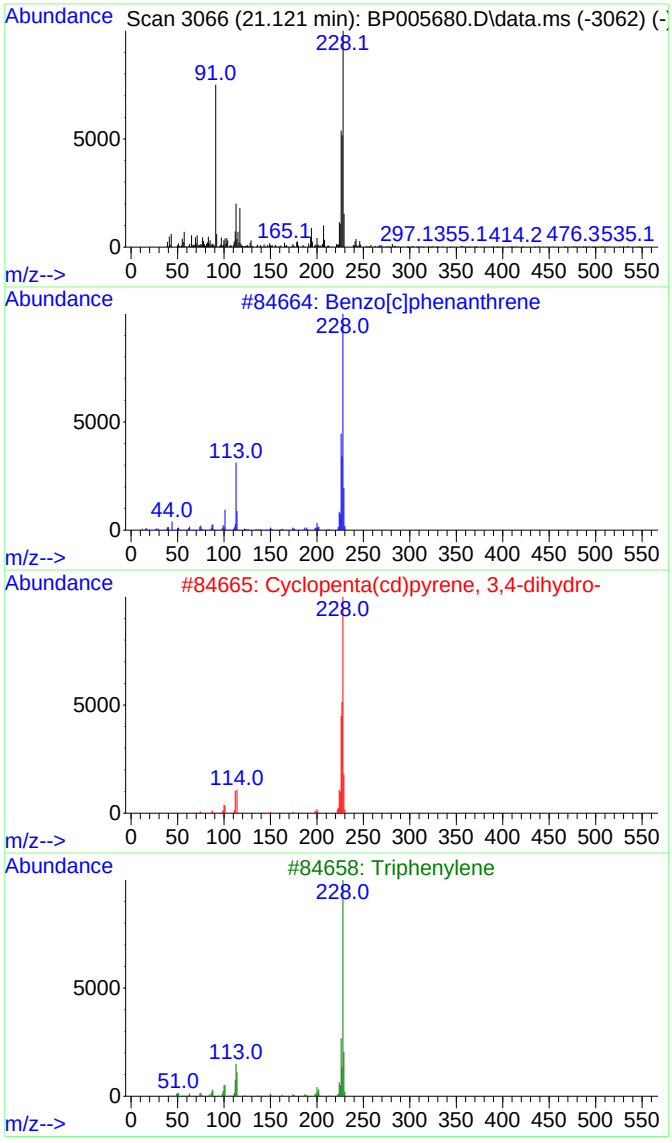
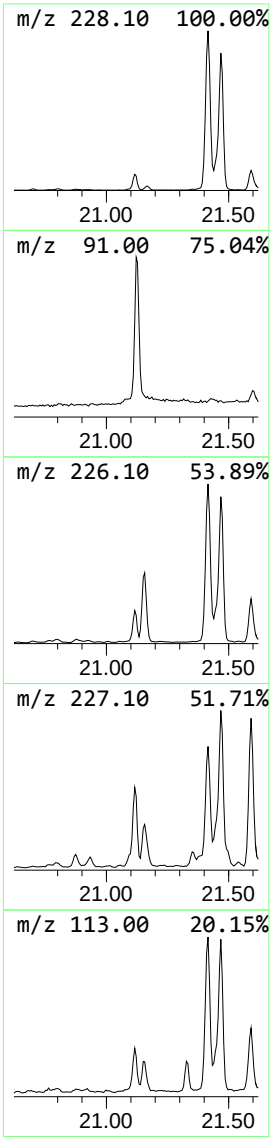
Peak Number 18 Benzo[c]phenanthrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.122	2.03 ng	1096480	Chrysene-d12	21.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	53
2	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	43
3	Triphenylene	228	C18H12	000217-59-4	43
4	Benz[a]anthracene	228	C18H12	000056-55-3	38
5	Thiourea, 1-(2-chlorophenyl)-3-(...	263	C12H10ClN3S	1000304-55-4	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005680.D
Acq On : 02 Jun 2021 23:28
Operator : CG/JU
Sample : M2580-17 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B6(6-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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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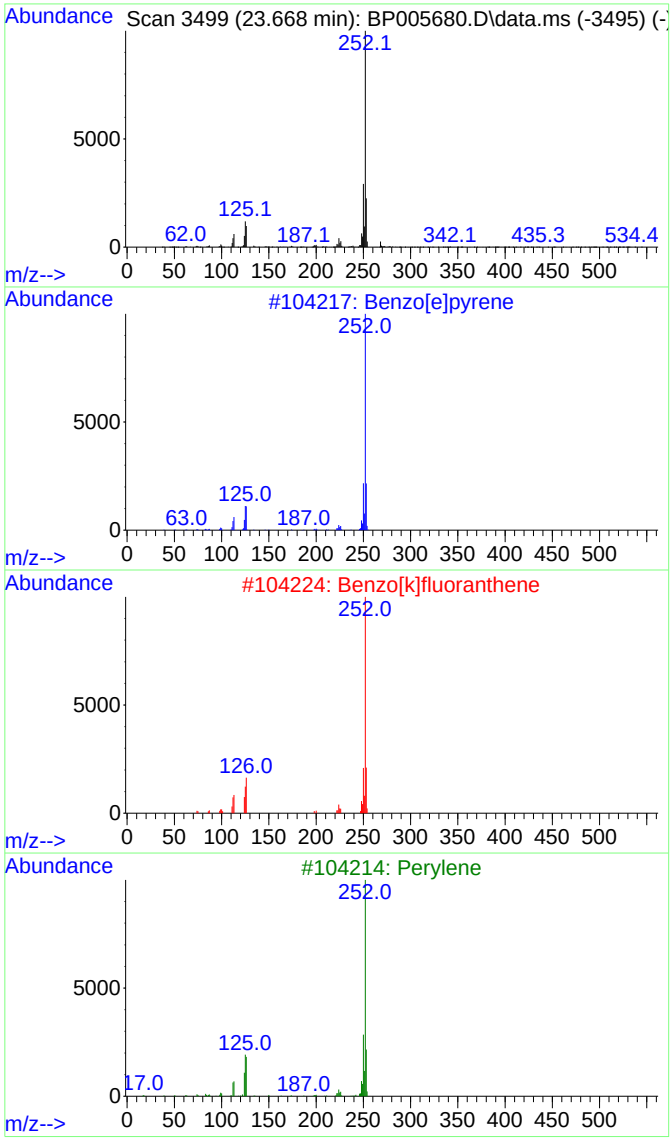
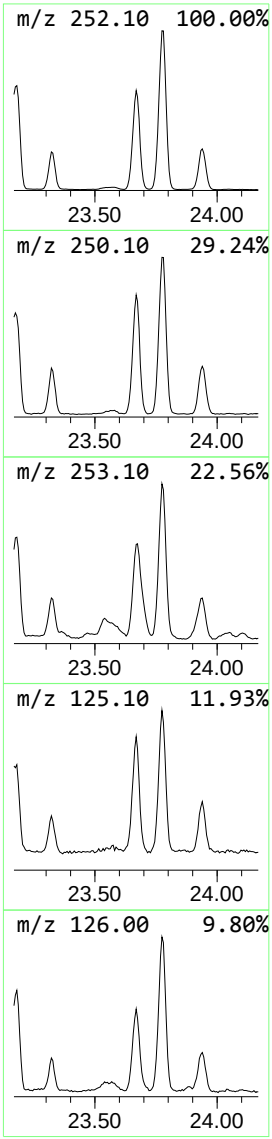
Peak Number 19 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.668	34.52 ng	3353530	Perylene-d12	23.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Perylene	252	C20H12	000198-55-0	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
5	Benzo[a]pyrene	252	C20H12	000050-32-8	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005680.D
Acq On : 02 Jun 2021 23:28
Operator : CG/JU
Sample : M2580-17 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B6(6-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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-metho...	3.117	2.1	ng	198840	1	7.993	1869610	20.0
(1R)-2,6,6-Trim...	6.675	2.5	ng	238732	1	7.993	1869610	20.0
Decane	7.616	5.0	ng	464670	1	7.993	1869610	20.0
unknown8.540	8.540	2.2	ng	204737	1	7.993	1869610	20.0
Benzene, 4-ethy...	9.104	2.1	ng	199364	1	7.993	1869610	20.0
Nonadecane	9.228	6.3	ng	590972	1	7.993	1869610	20.0
Naphthalene, 2,...	13.940	2.6	ng	408243	3	14.616	3155080	20.0
[1,1'-Biphenyl]...	15.951	2.6	ng	418247	3	14.616	3155080	20.0
9H-Fluorene, 2-...	16.663	2.2	ng	360840	4	17.363	3298540	20.0
Naphtho[2,1-b]t...	17.175	5.7	ng	935586	4	17.363	3298540	20.0
Phenanthrene, 1...	18.222	6.7	ng	1105860	4	17.363	3298540	20.0
4H-Cyclopenta[d...	18.410	15.4	ng	2532780	4	17.363	3298540	20.0
1H-Cyclopropa[l...	18.445	3.1	ng	515815	4	17.363	3298540	20.0
Naphthalene, 2-...	18.698	4.7	ng	781481	4	17.363	3298540	20.0
Phenanthrene, 2...	19.104	3.7	ng	605716	4	17.363	3298540	20.0
11H-Benzo[b]flu...	20.192	3.8	ng	2070650	5	21.433	10829300	20.0
11H-Benzo[a]flu...	20.286	3.5	ng	1876910	5	21.433	10829300	20.0
Benzo[c]phenant...	21.122	2.0	ng	1096480	5	21.433	10829300	20.0
Benzo[e]pyrene	23.668	34.5	ng	3353530	6	23.886	1943190	20.0