LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001528.D
Acq On : 04 Jan 2020 02:50
Operator : JU
Sample : L1011-08 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-010220-2-5-COMP-B7

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-BP010320.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	3.017	34	39	44	rVB	52180	68319	1.28%	0.168%
2	4.899	354	359	368	rVB	40175	55501	1.04%	0.137%
3	5.334	426	433	440	rBV	166167	241898	4.53%	0.595%
4	6.899	693	699	712	rVB	180406	289683	5.42%	0.713%
5	7.240	751	757	767	rVB	179828	274212	5.13%	0.675%
6	7.693	825	834	844	rBV	263889	418953	7.84%	1.031%
7	8.010	881	888	894	rBV	143426	223297	4.18%	0.550%
8	8.840	1021	1029	1042	rVB	113237	180113	3.37%	0.443%
9	10.469	1299	1306	1311	rBV	315909	529455	9.91%	1.303%
10	10.516	1311	1314	1323	rVB	73181	109357	2.05%	0.269%
11	12.134	1584	1589	1597	rVB	37082	58048	1.09%	0.143%
12	12.357	1620	1627	1633	rVB	36096	56424	1.06%	0.139%
13	12.951	1722	1728	1735	rVB	251328	360956	6.76%	0.888%
14	13.651	1841	1847	1852	rBV2	37635	64644	1.21%	0.159%
15	14.051	1907	1915	1922	rBV	86177	139493	2.61%	0.343%
16	14.334	1955	1963	1968	rBV	448934	674241	12.62%	1.659%
17	14.392	1968	1973	1982	rVB	216207	318553	5.96%	0.784%
18	14.734	2021	2031	2040	rVB	154948	234717	4.39%	0.578%
19	15.387	2136	2142	2147	rBV	262661	366033	6.85%	0.901%
20	15.687	2188	2193	2203	rVB	70297	107284	2.01%	0.264%
21	15.828	2205	2217	2226	rBV2	238610	409436	7.66%	1.008%
22	16.392	2303	2313	2319	rBV4	49665	132929	2.49%	0.327%
23	16.745	2369	2373	2381	rVB3	39976	72067	1.35%	0.177%
24	16.845	2383	2390	2394	rBV2	61515	135817	2.54%	0.334%
25	16.904	2394	2400	2405	rVV	131528	190090	3.56%	0.468%
26	17.092	2425	2432	2435	rBV	546609	832432	15.58%	2.049%
27	17.133	2435	2439	2445	rVV	2165234	3182125	59.57%	7.832%
28	17.222	2445	2454	2461	rVV	634473	912255	17.08%	2.245%
29	17.286	2461	2465	2472	rVV	82192	120954	2.26%	0.298%
30	17.498	2492	2501	2506	rBV2	202644	333516	6.24%	0.821%
31	17.622	2518	2522	2527	rVV2	53062	70118	1.31%	0.173%
32	17.963	2575	2580	2584	rBV	214899	300878	5.63%	0.741%
33	18.010	2584	2588	2596	rVB	320931	492576	9.22%	1.212%
34	18.092	2597	2602	2606	rBV	165141	227915	4.27%	0.561%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001528.D
Acq On : 04 Jan 2020 02:50
Operator : JU
Sample : L1011-08 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-010220-2-5-COMP-B7

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-BP010320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	18.151	2606	2612	2616	rBV2	443551	747771	14.00%	1.840%
36	18.186	2616	2618	2626	rVB	166764	210432	3.94%	0.518%
37	18.457	2660	2664	2667	rBV	229232	284255	5.32%	0.700%
38	18.492	2667	2670	2675	rVB	130748	160559	3.01%	0.395%
39	18.692	2701	2704	2709	rVB	58100	75866	1.42%	0.187%
40	18.780	2715	2719	2723	rVB	55294	71368	1.34%	0.176%
41	18.857	2728	2732	2738	rBV2	129266	217134	4.06%	0.534%
42	18.922	2740	2743	2746	rVV3	62892	73177	1.37%	0.180%
43	18.992	2751	2755	2763	rVB3	97174	190550	3.57%	0.469%
44	19.116	2770	2776	2782	rBV	3583720	4733336	88.61%	11.649%
45	19.210	2790	2792	2796	rVB2	68909	77497	1.45%	0.191%
46	19.257	2796	2800	2804	rBV	93780	123142	2.31%	0.303%
47	19.345	2811	2815	2826	rVB2	146612	239538	4.48%	0.590%
48	19.469	2826	2836	2844	rBV	3205234	5341932	100.00%	13.147%
49	19.533	2844	2847	2856	rVB3	141372	233590	4.37%	0.575%
50	19.639	2861	2865	2867	rBV	196306	233130	4.36%	0.574%
51	19.675	2867	2871	2873	rVV	402269	536335	10.04%	1.320%
52	19.698	2873	2875	2881	rVB	199430	257222	4.82%	0.633%
53	19.786	2884	2890	2895	rVV3	171091	424827	7.95%	1.046%
54	19.833	2895	2898	2902	rVB	63926	77350	1.45%	0.190%
55	19.916	2908	2912	2914	rBV4	125322	189465	3.55%	0.466%
56	19.951	2914	2918	2922	rVB	483117	655978	12.28%	1.614%
57	19.998	2923	2926	2930	rBV4	60747	95957	1.80%	0.236%
58	20.045	2930	2934	2938	rBV	409483	517467	9.69%	1.274%
59	20.104	2938	2944	2948	rBV2	299455	494154	9.25%	1.216%
60	20.139	2948	2950	2954	rVB2	94121	107002	2.00%	0.263%
61	20.239	2963	2967	2971	rBV	155584	197594	3.70%	0.486%
62	20.280	2971	2974	2979	rVV	167085	244057	4.57%	0.601%
63	20.839	3067	3069	3073	rVB	136516	142010	2.66%	0.350%
64	20.880	3073	3076	3079	rVB	230989	228105	4.27%	0.561%
65	20.916	3079	3082	3084	rBV	205872	285323	5.34%	0.702%
66	21.180	3122	3127	3132	rBV3	1739745	3094473	57.93%	7.616%
67	21.227	3132	3135	3142	rVB	1413833	1764960	33.04%	4.344%
68	21.339	3151	3154	3158	rBV	338916	402193	7.53%	0.990%
69	22.774	3392	3398	3403	rBV	1015124	2415682	45.22%	5.945%
70	23.251	3474	3479	3488	rVB	678120	1359266	25.45%	3.345%
71	23.351	3490	3496	3502	rVB	1062828	1944280	36.40%	4.785%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001528.D
Acq On : 04 Jan 2020 02:50
Operator : JU
Sample : L1011-08 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MC-010220-2-5-COMP-B7

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-BP010320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 40631266

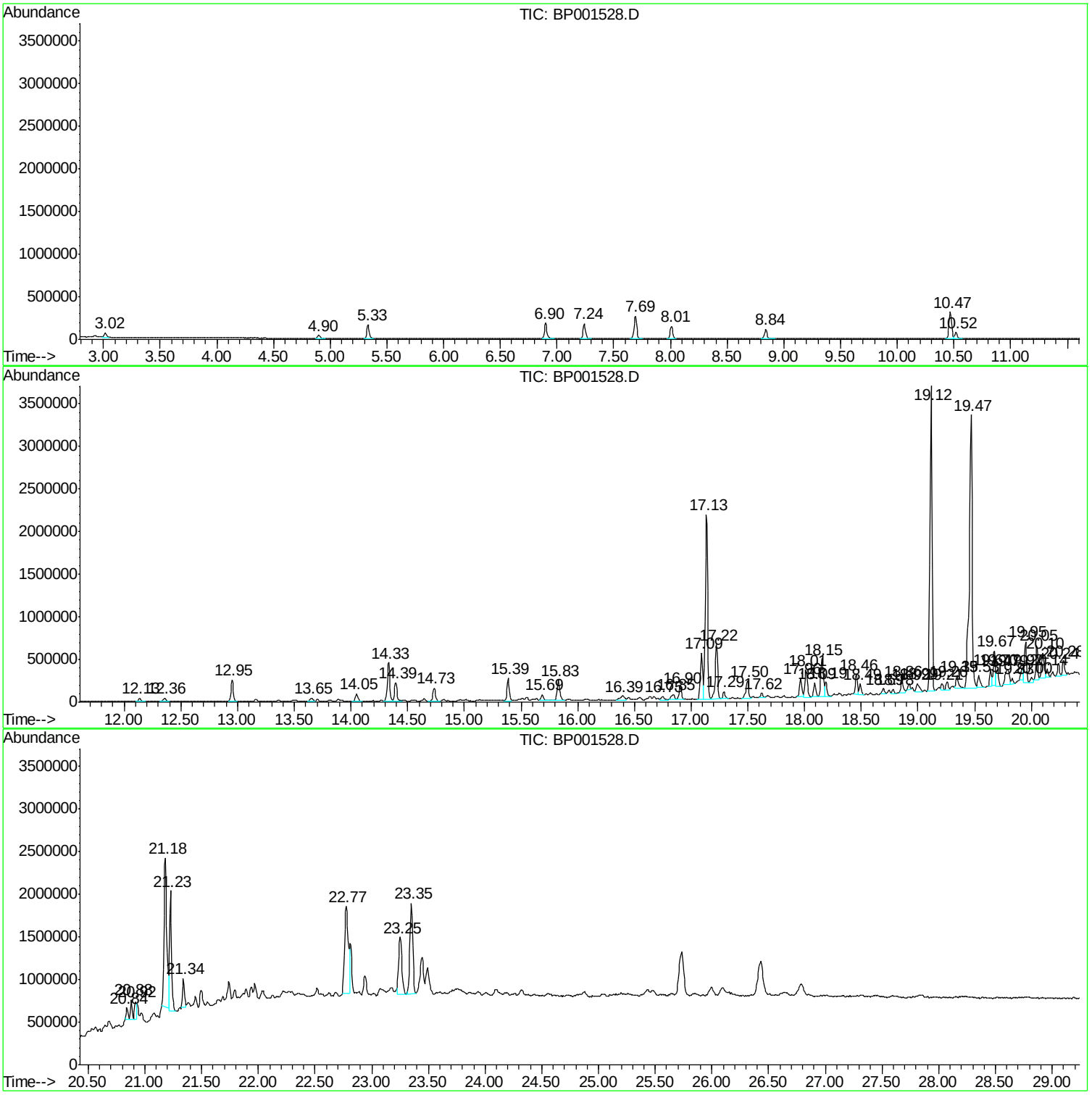
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001528.D
Acq On : 04 Jan 2020 02:50
Operator : JU
Sample : L1011-08 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-010220-2-5-COMP-B7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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\BP010320\
Data File : BP001528.D
Acq On : 04 Jan 2020 02:50
Operator : JU
Sample : L1011-08 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-010220-2-5-COMP-B7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

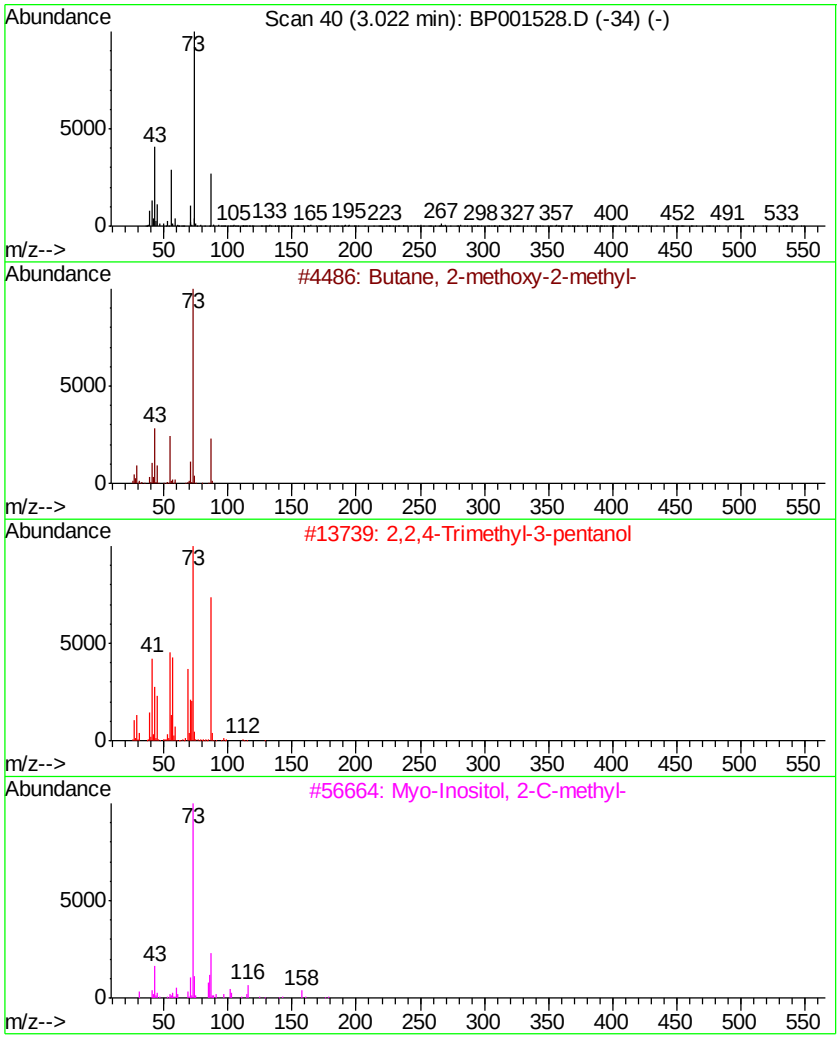
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

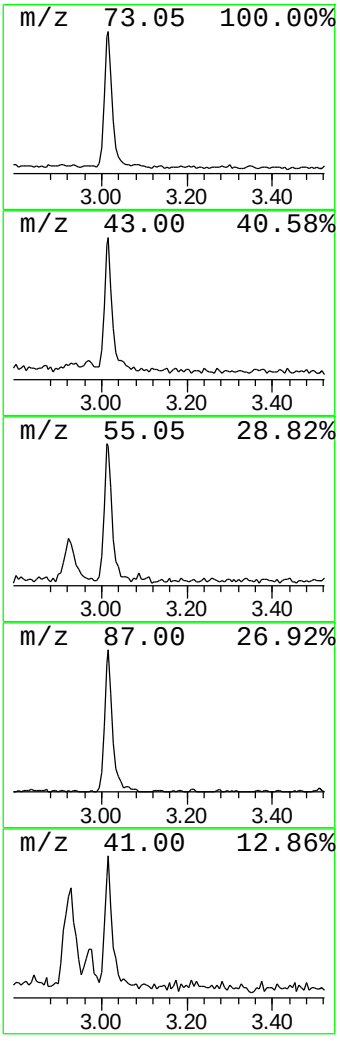
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	3.26 ng	68319	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Myo-Inositol, 2-C-methyl-	194	C7H14O6	000472-96-8	33
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001528.D
Acq On : 04 Jan 2020 02:50
Operator : JU
Sample : L1011-08 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-010220-2-5-COMP-B7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

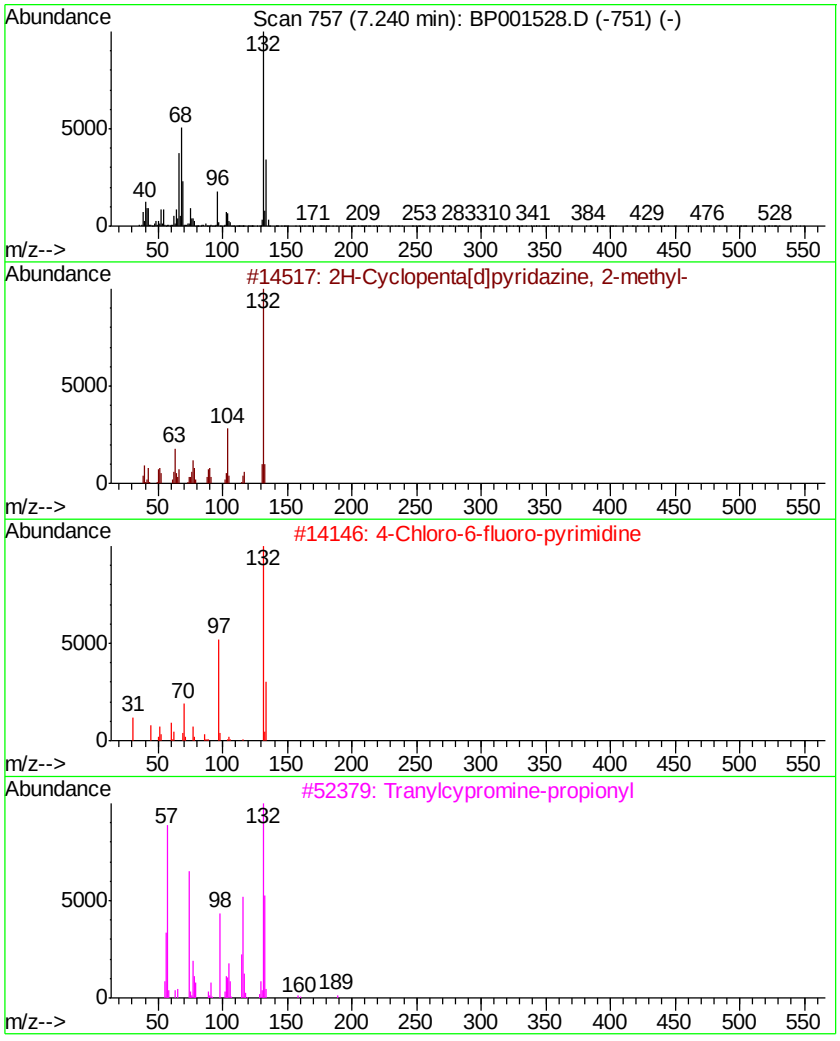
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

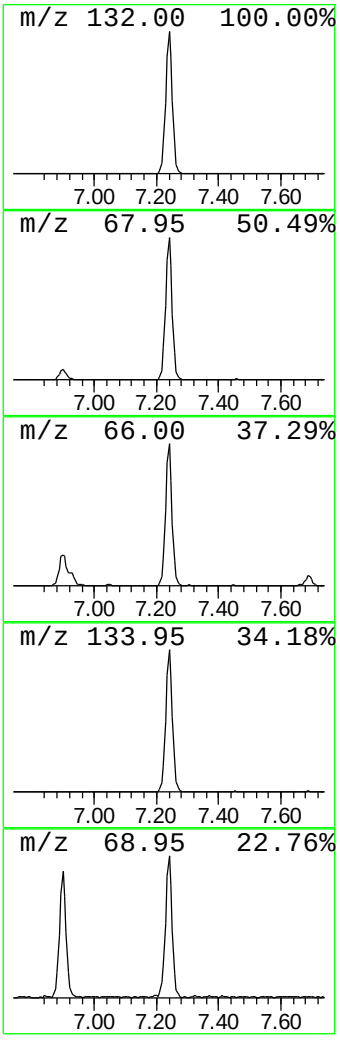
****

Peak Number 2 unknown7.24 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.24	13.09 ng	274212	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	22
5	5-Aminoindole	132	C8H8N2	005192-03-0	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001528.D
Acq On : 04 Jan 2020 02:50
Operator : JU
Sample : L1011-08 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-010220-2-5-COMP-B7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

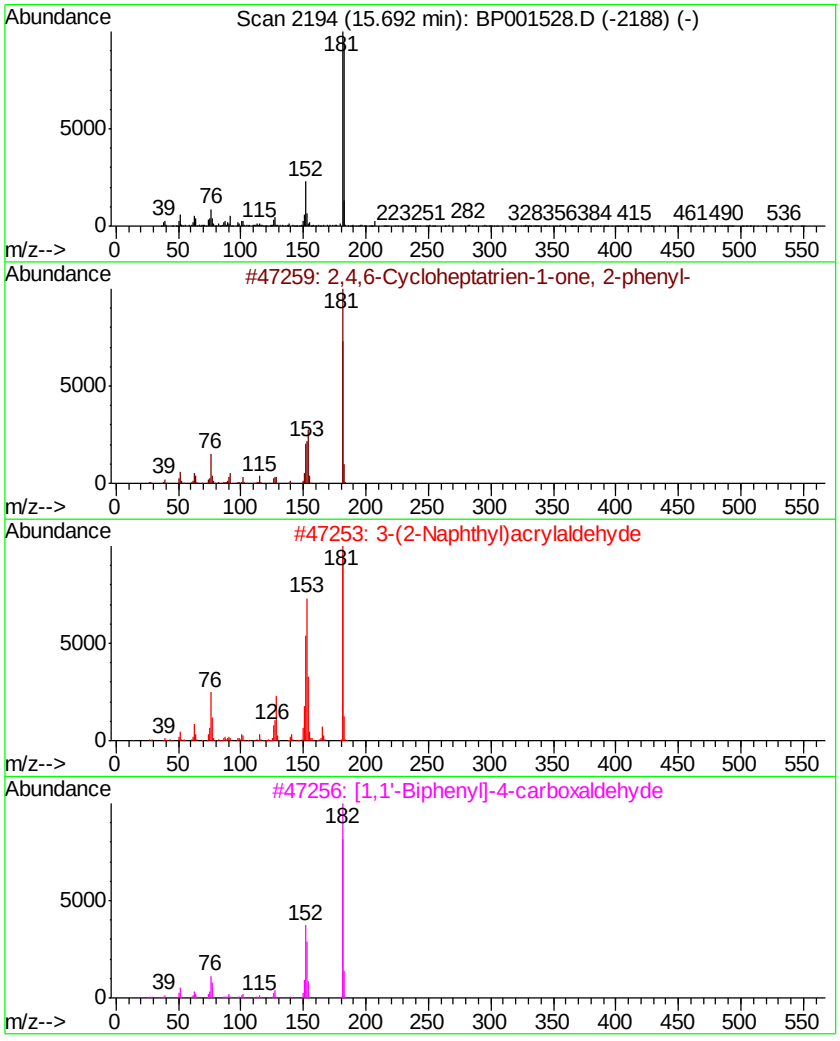
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

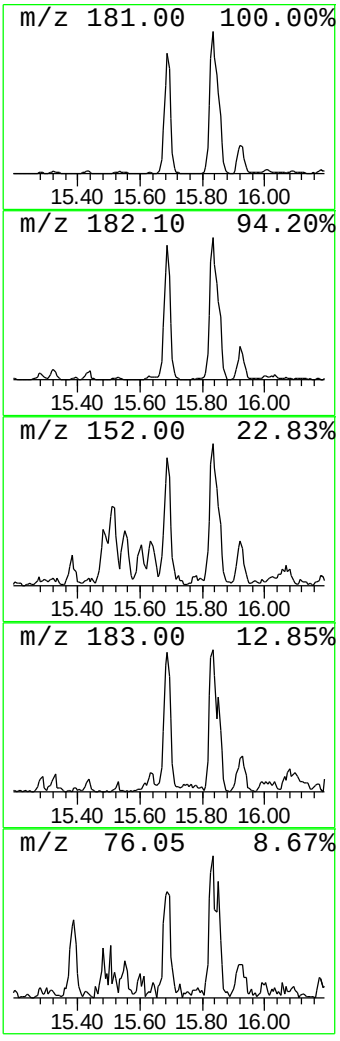
****

Peak Number 4 2,4,6-Cycloheptatrien-1-one... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	3.18 ng	107284	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
2	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	86
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	80
4	Pyrido[2,3-b]indole, 6-methyl-	182	C12H10N2	108349-67-3	72
5	2-Hydroxyfluorene	182	C13H10O	002443-58-5	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001528.D
Acq On : 04 Jan 2020 02:50
Operator : JU
Sample : L1011-08 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-010220-2-5-COMP-B7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

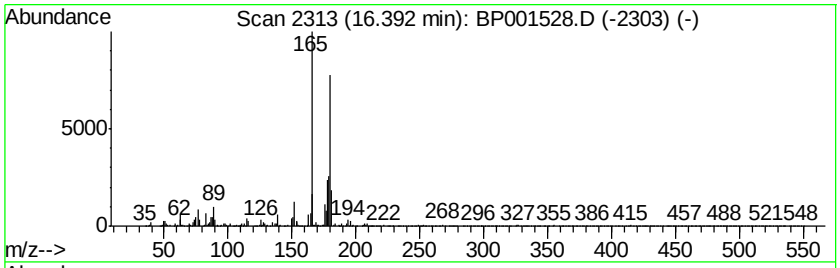
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

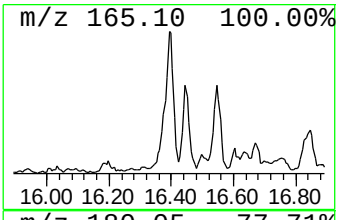
****

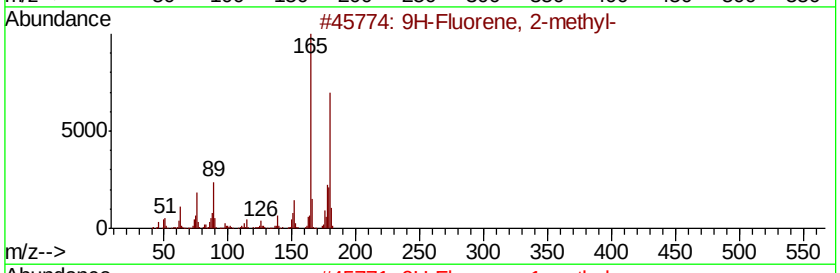
Peak Number 5 9H-Fluorene, 2-methyl- Concentration Rank 19

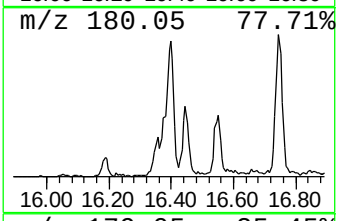
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.39	3.19 ng	132929	Phenanthrene-d10	17.09

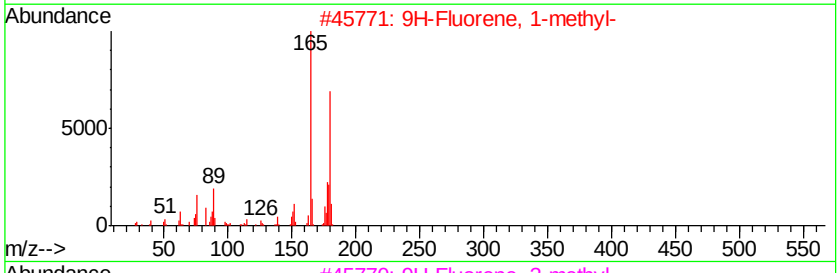
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	87
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	81

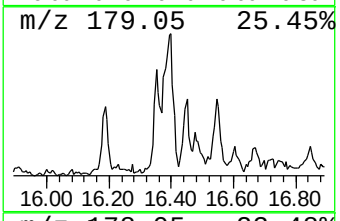


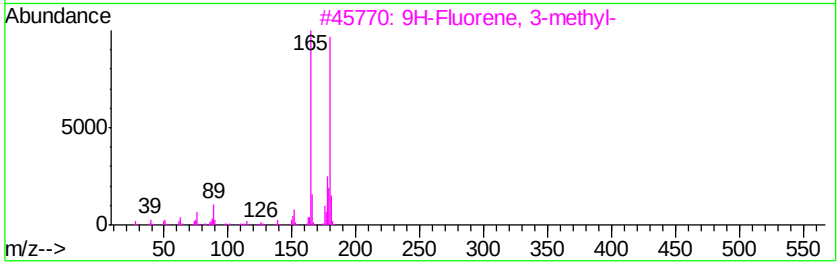


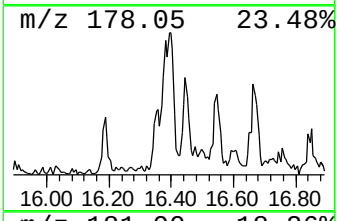


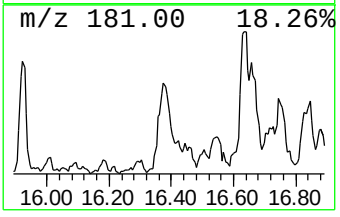












Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001528.D
Acq On : 04 Jan 2020 02:50
Operator : JU
Sample : L1011-08 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-010220-2-5-COMP-B7

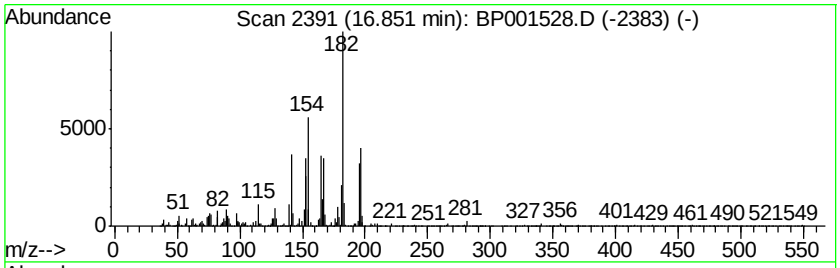
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

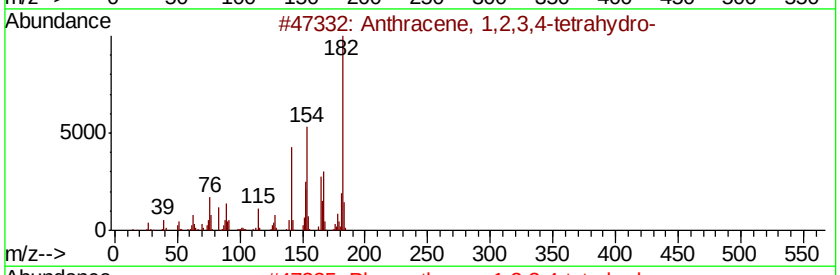
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

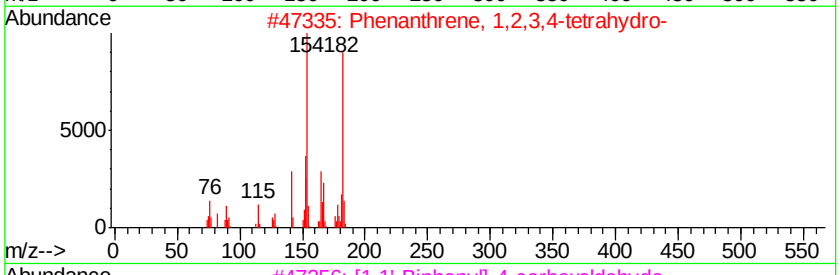
****
Peak Number 6 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 16

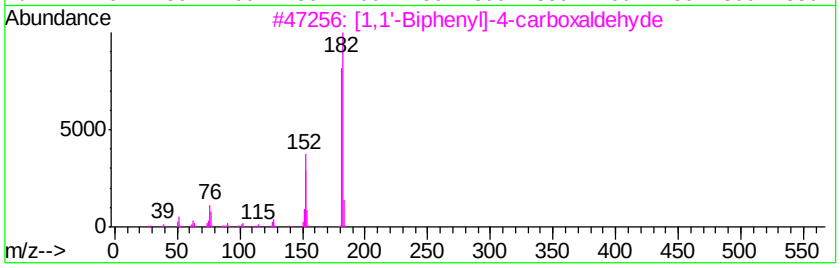
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.85	3.26 ng	135817	Phenanthrene-d10	17.09

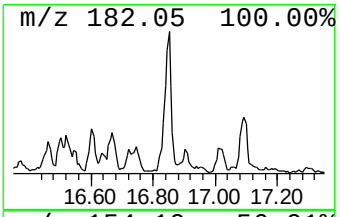
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	93
2	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	70
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	52
4	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	42
5	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	30

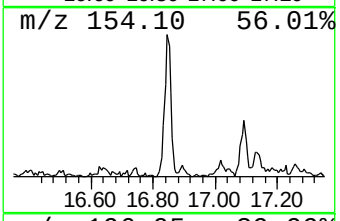


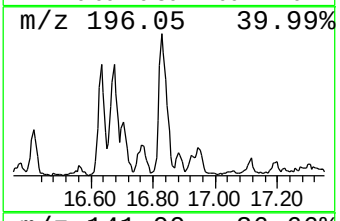


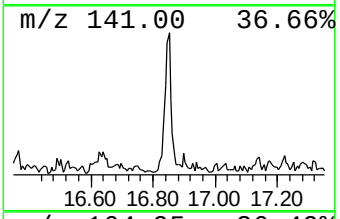


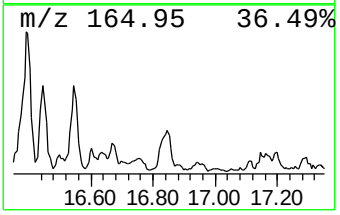












Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001528.D
Acq On : 04 Jan 2020 02:50
Operator : JU
Sample : L1011-08 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-010220-2-5-COMP-B7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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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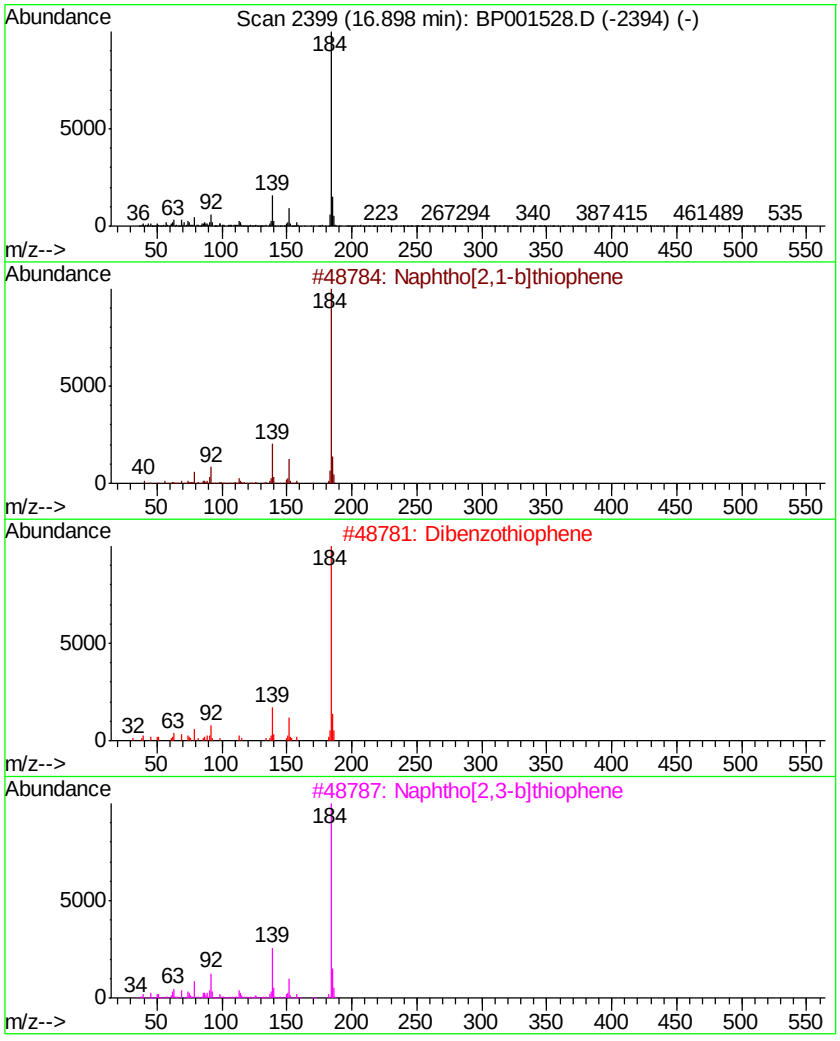
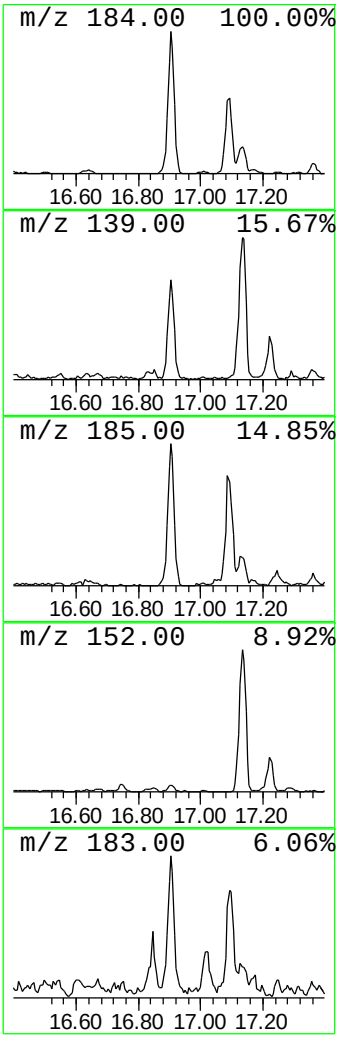
Peak Number 7 Naphtho[2,1-b]thiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.90	4.57 ng	190090	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
2	Dibenzothiophene	184	C12H8S	000132-65-0	94
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	91
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	72





Library Search Compound Report

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Data File : BP001528.D
Acq On : 04 Jan 2020 02:50
Operator : JU
Sample : L1011-08 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-010220-2-5-COMP-B7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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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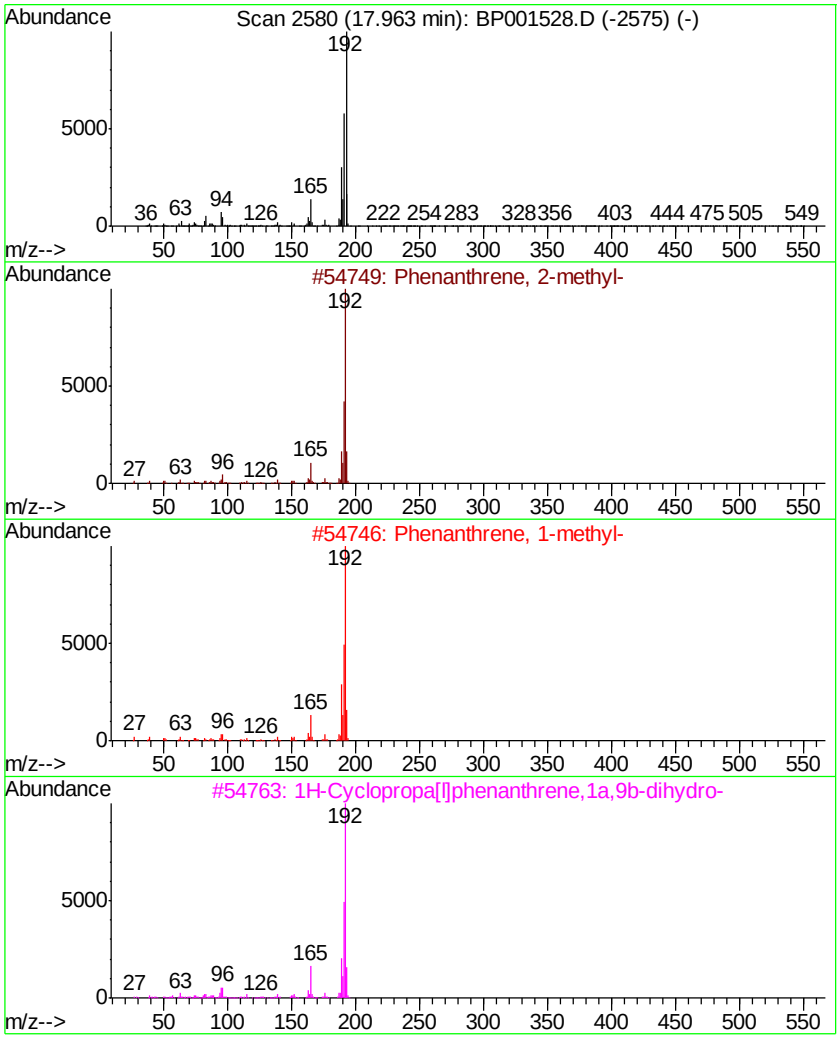
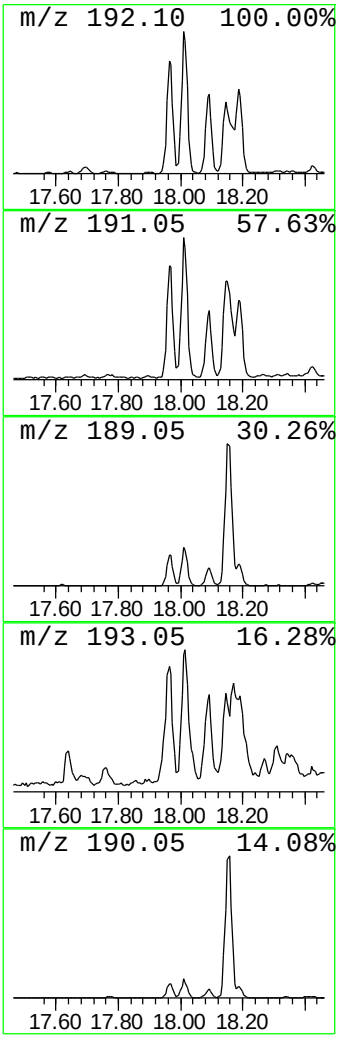
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	7.23 ng	300878	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94





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Data File : BP001528.D
Acq On : 04 Jan 2020 02:50
Operator : JU
Sample : L1011-08 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-010220-2-5-COMP-B7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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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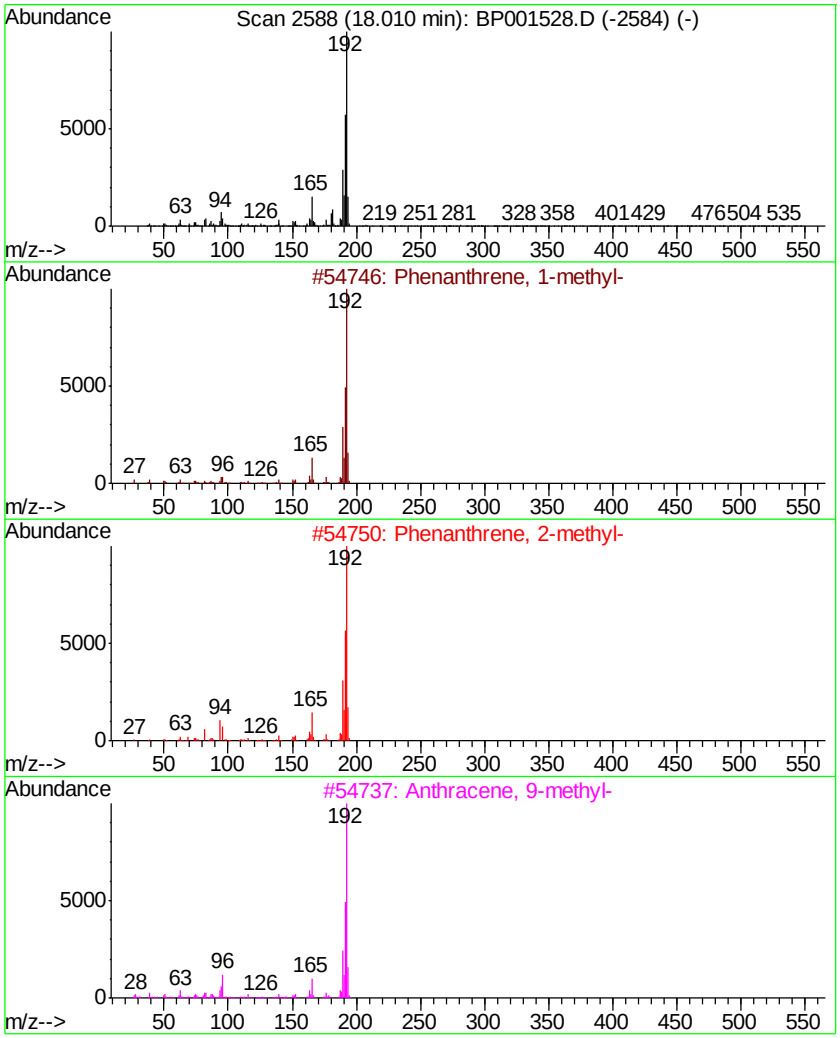
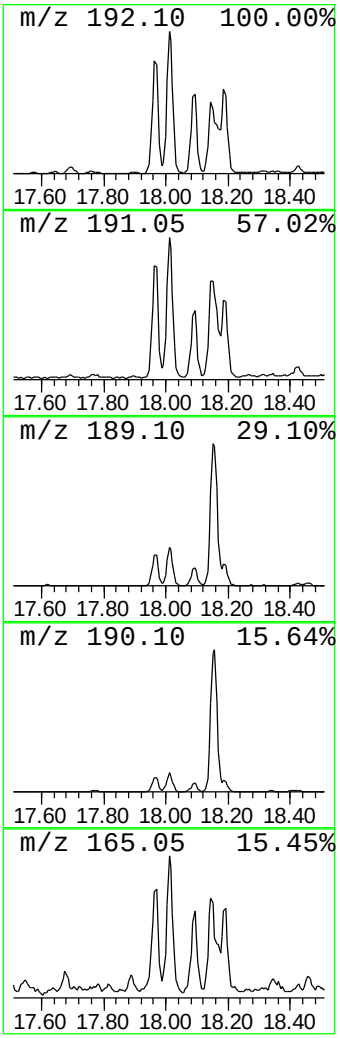
Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	11.83 ng	492576	Phenanthrene-d10	17.09

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	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001528.D
Acq On : 04 Jan 2020 02:50
Operator : JU
Sample : L1011-08 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-010220-2-5-COMP-B7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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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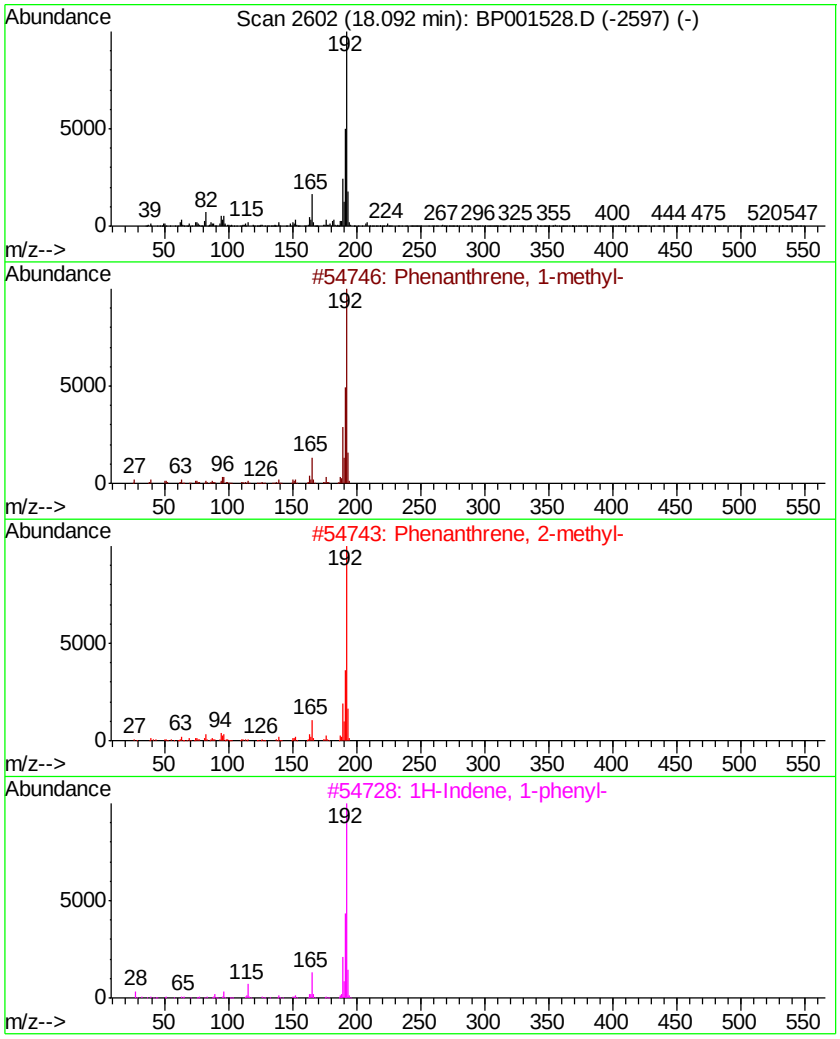
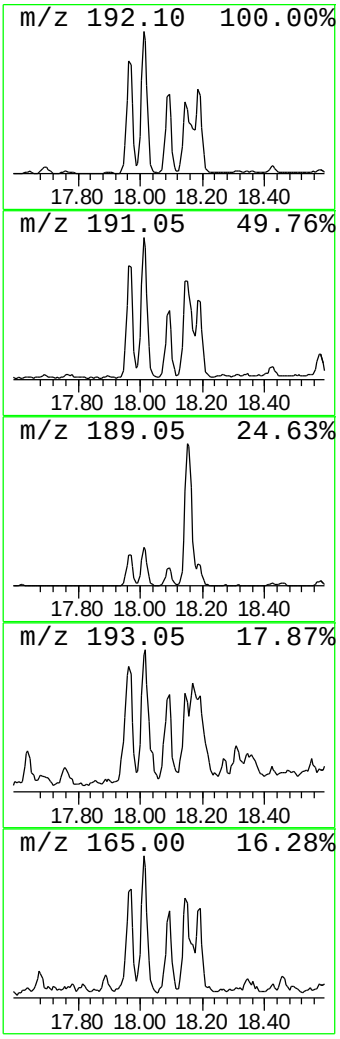
Peak Number 10 1H-Indene, 1-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	5.48 ng	227915	Phenanthrene-d10	17.09

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	96
3	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





Library Search Compound Report

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Acq On : 04 Jan 2020 02:50
Operator : JU
Sample : L1011-08 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-010220-2-5-COMP-B7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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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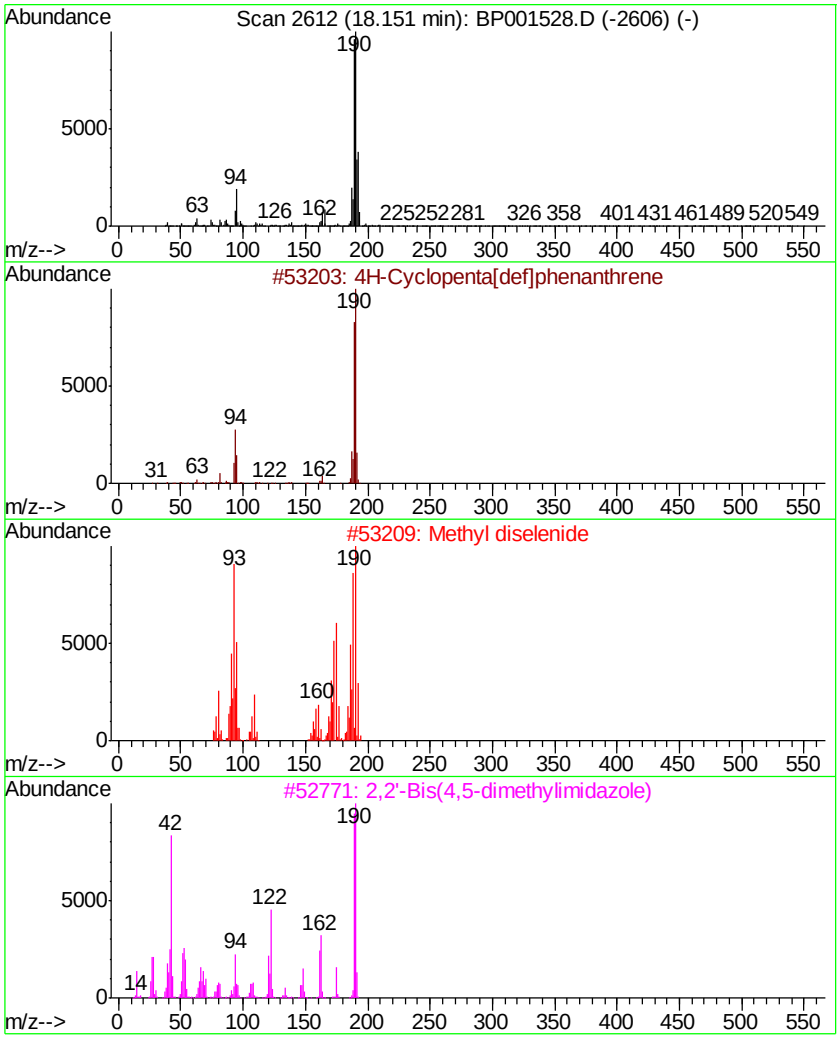
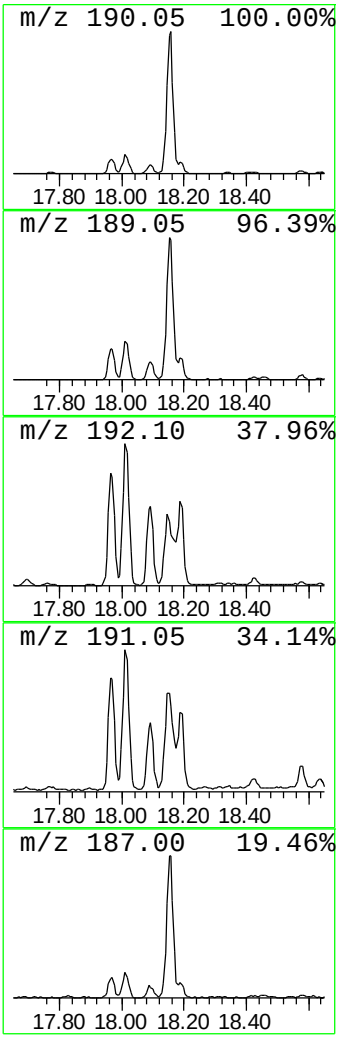
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	17.97 ng	747771	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	Methyl diselenide	190	C2H6Se2	007101-31-7	49
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4	2-Naphthaldehyde, 1,2,3,4-tetrah...	190	C12H14O2	002472-02-8	18
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	17





Library Search Compound Report

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Operator : JU
Sample : L1011-08 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-010220-2-5-COMP-B7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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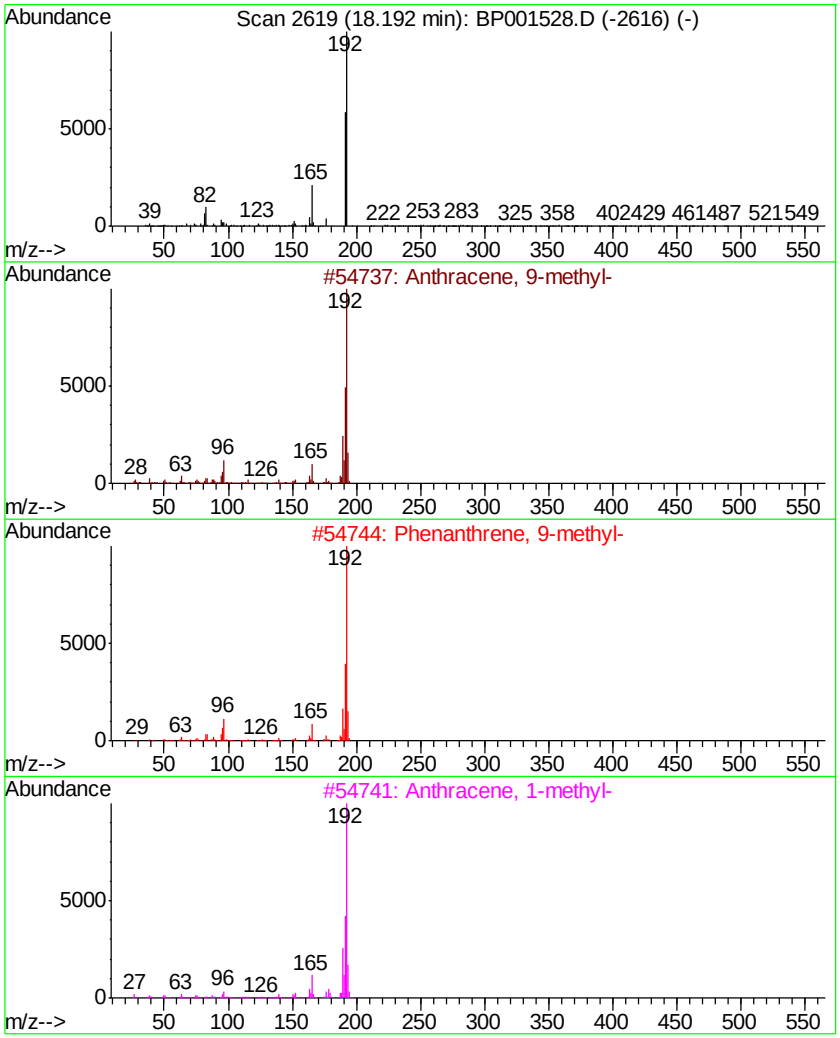
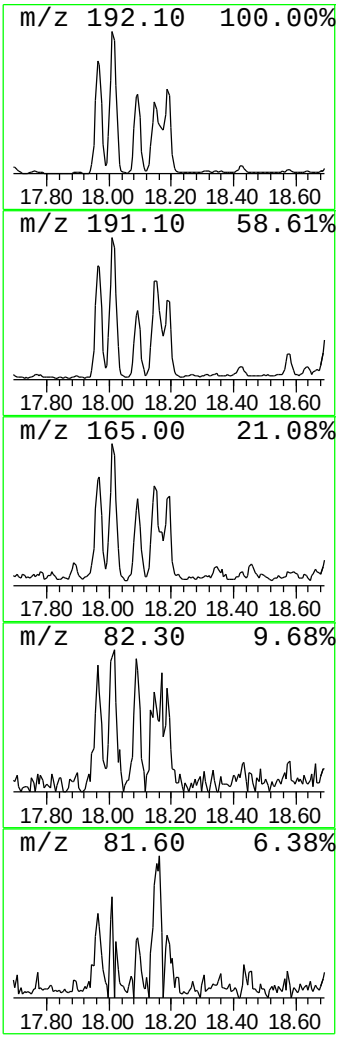
Peak Number 12 Anthracene, 9-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	5.06 ng	210432	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
2	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	86
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	80





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Data File : BP001528.D
Acq On : 04 Jan 2020 02:50
Operator : JU
Sample : L1011-08 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-010220-2-5-COMP-B7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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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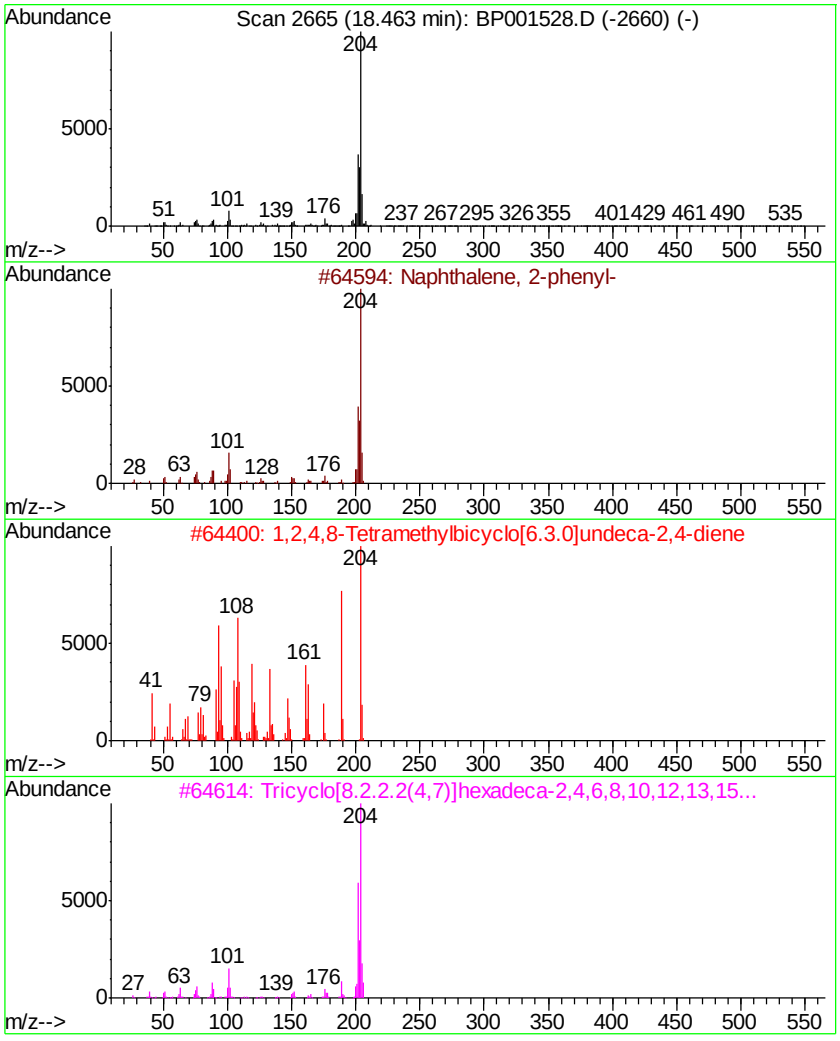
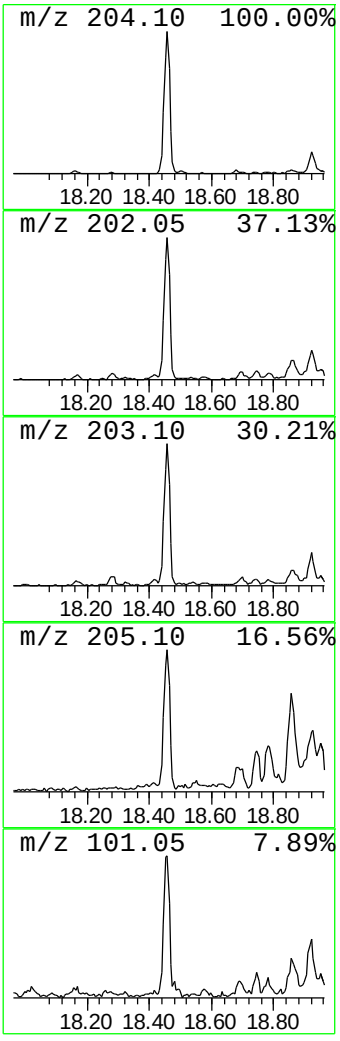
Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	6.83 ng	284255	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	90
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	58
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	53





Library Search Compound Report

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Operator : JU
Sample : L1011-08 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-010220-2-5-COMP-B7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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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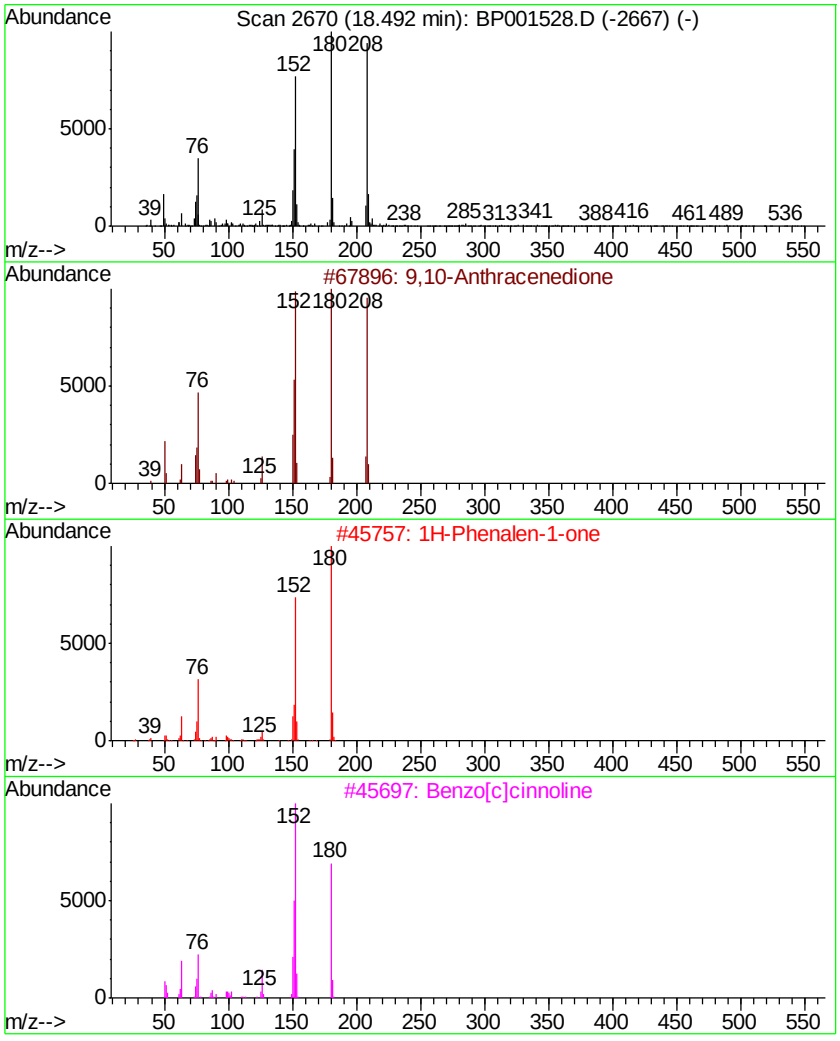
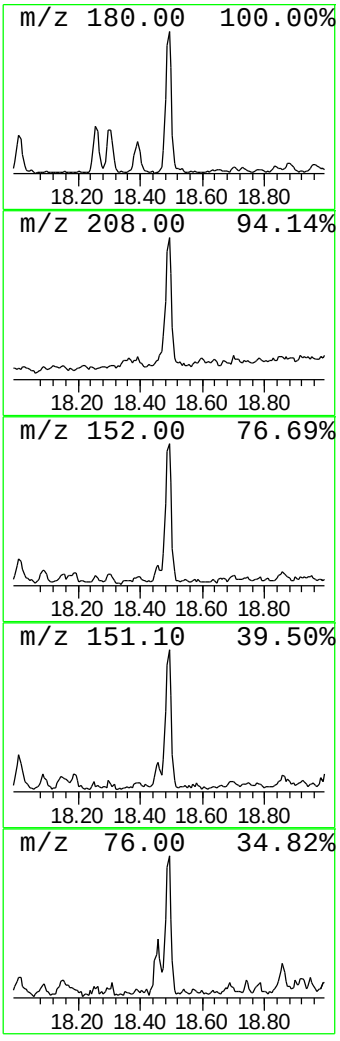
Peak Number 14 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	3.86 ng	160559	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	1H-Phenalen-1-one	180	C13H8O	000548-39-0	78
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	49
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	49





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Operator : JU
Sample : L1011-08 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-010220-2-5-COMP-B7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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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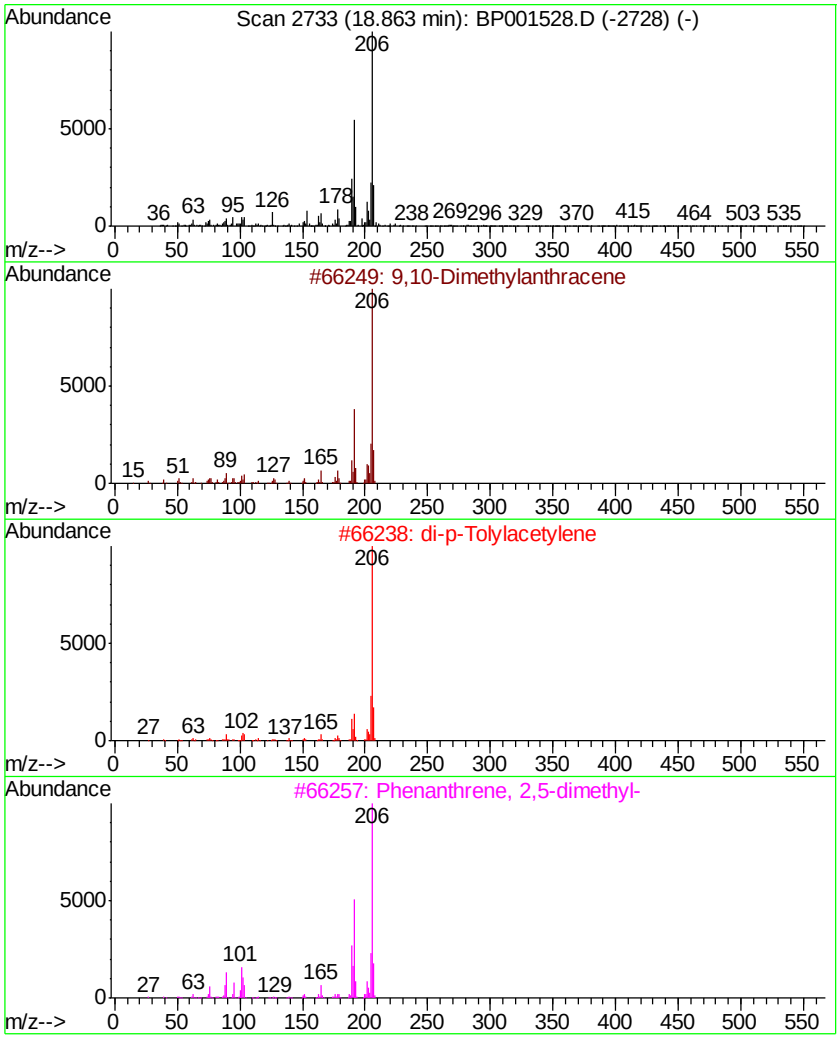
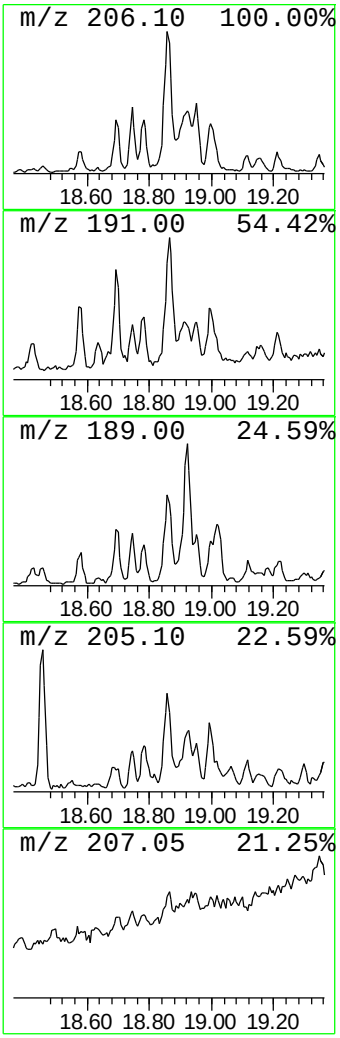
Peak Number 15 9,10-Dimethylanthracene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	5.22 ng	217134	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	95
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	91





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Data File : BP001528.D
Acq On : 04 Jan 2020 02:50
Operator : JU
Sample : L1011-08 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-010220-2-5-COMP-B7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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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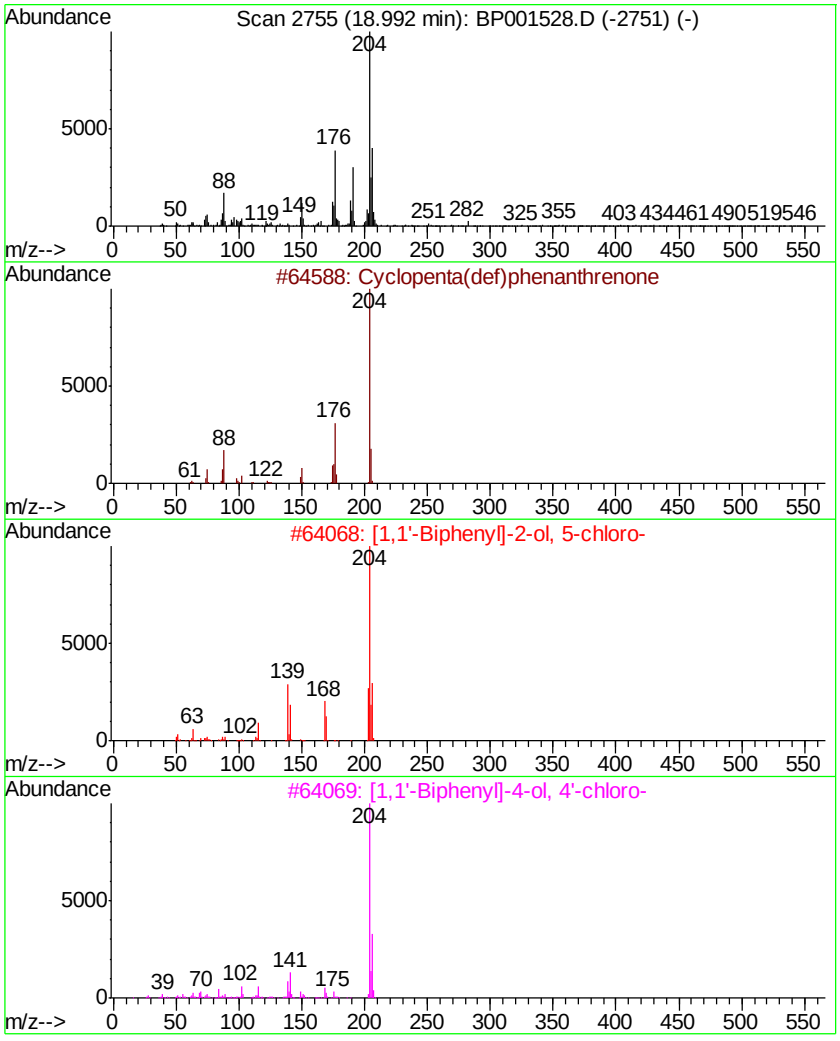
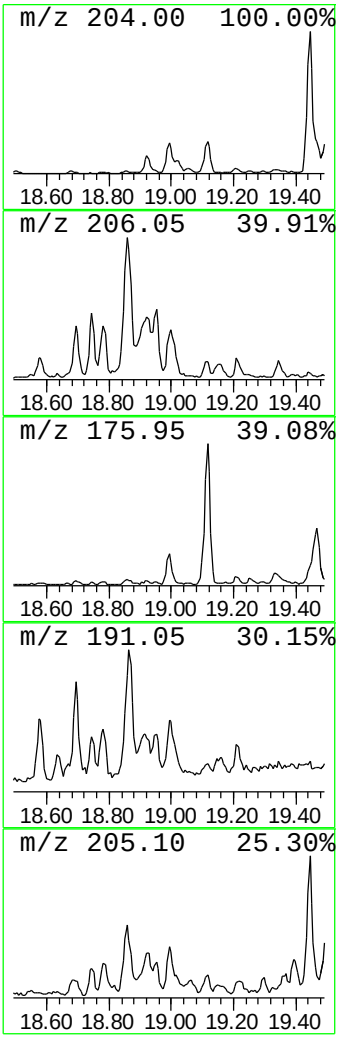
Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	4.58 ng	190550	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43
3	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	41
5	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001528.D
Acq On : 04 Jan 2020 02:50
Operator : JU
Sample : L1011-08 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-010220-2-5-COMP-B7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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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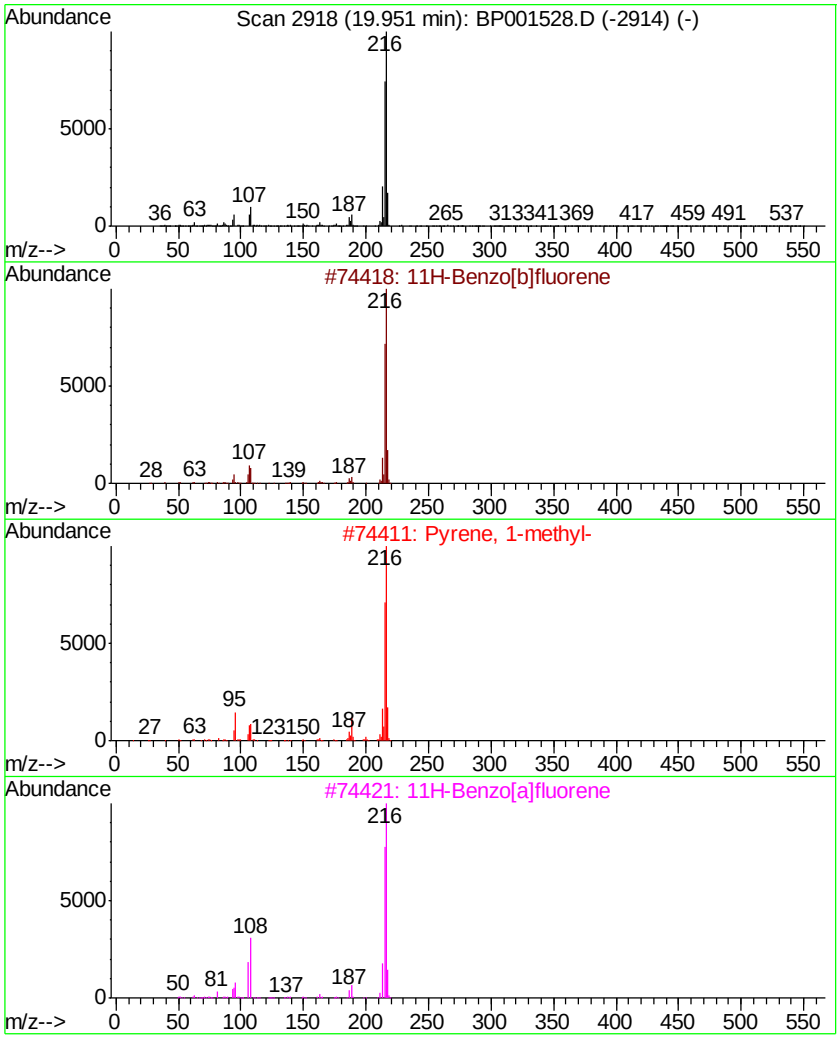
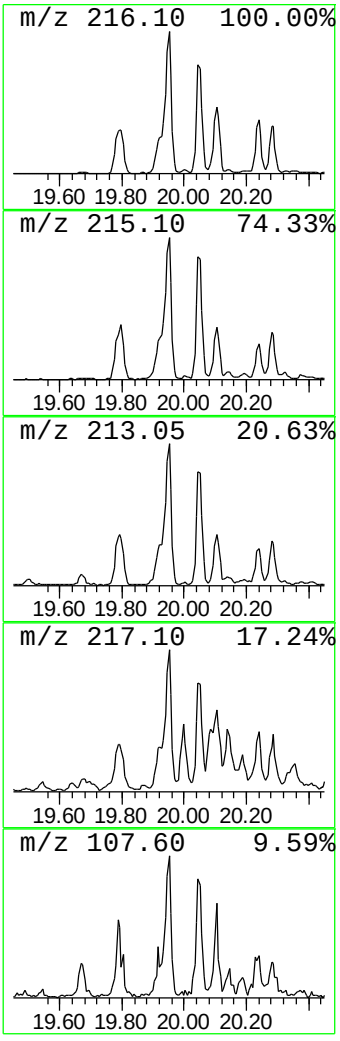
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.95	4.24 ng	655978	Chrysene-d12	21.19

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	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	80
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001528.D
Acq On : 04 Jan 2020 02:50
Operator : JU
Sample : L1011-08 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-010220-2-5-COMP-B7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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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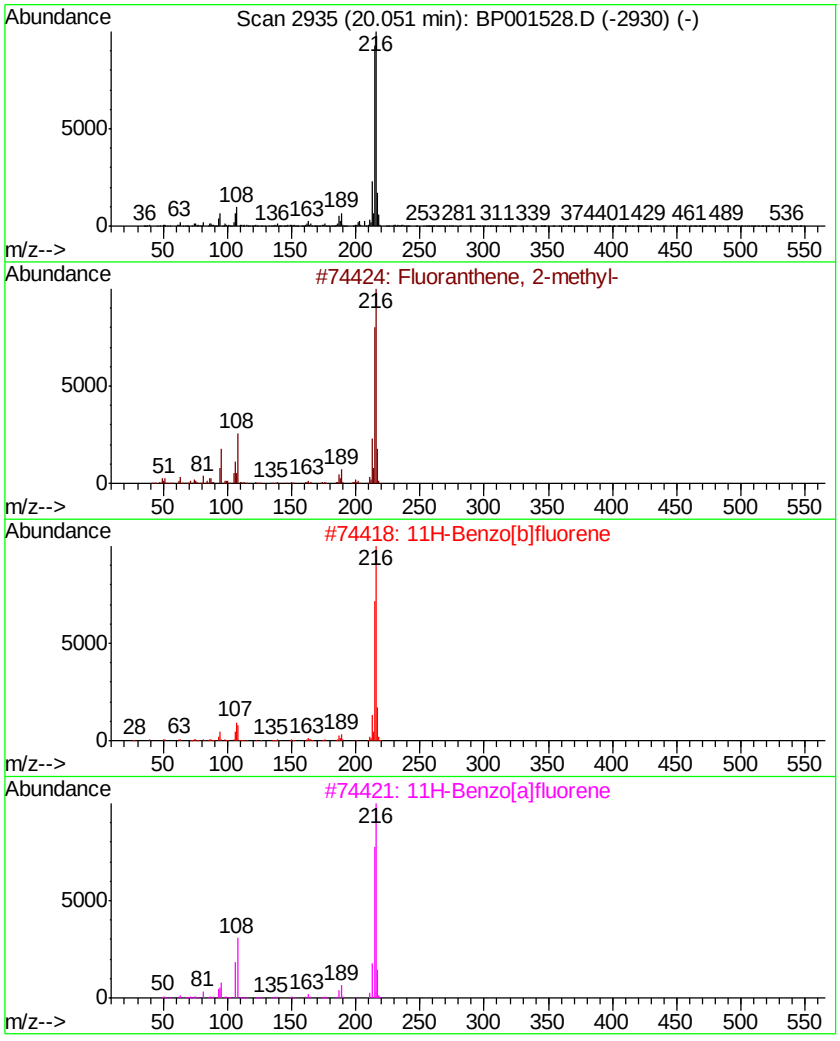
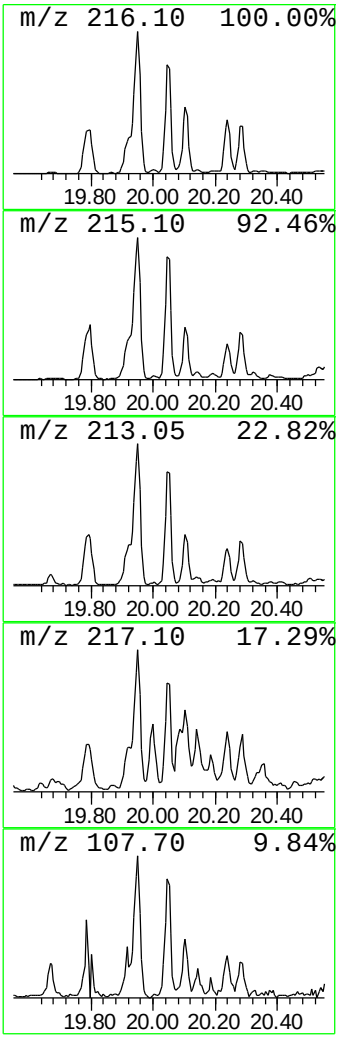
Peak Number 18 Fluoranthene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.05	3.34 ng	517467	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64
5	Benzoic acid, 3-(3,5-dimethyl-1-...	216	C12H12N2O2	312531-88-7	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001528.D
Acq On : 04 Jan 2020 02:50
Operator : JU
Sample : L1011-08 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-010220-2-5-COMP-B7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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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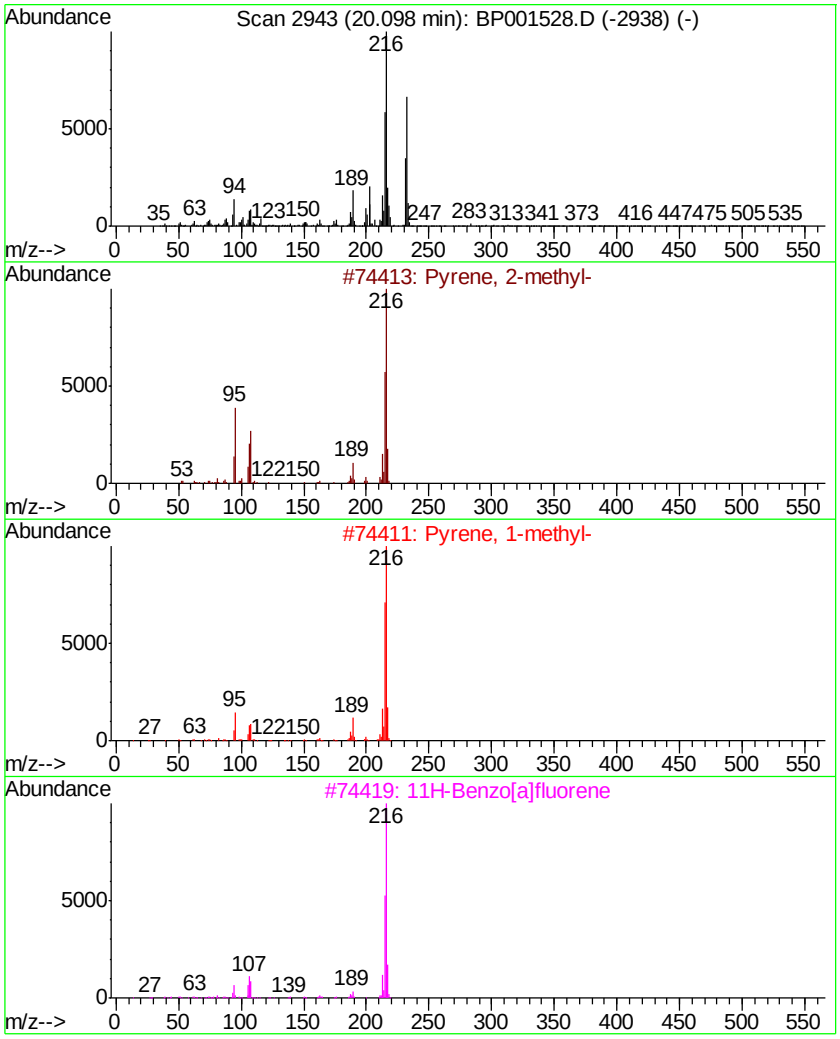
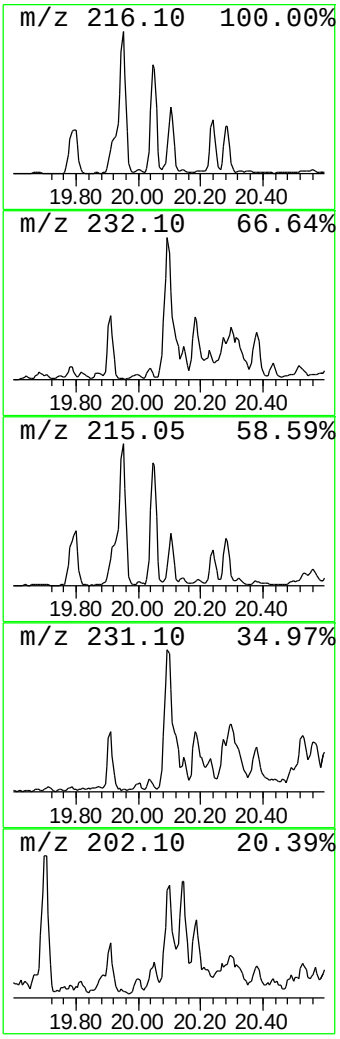
Peak Number 19 Pyrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.10	3.19 ng	494154	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	86
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001528.D
Acq On : 04 Jan 2020 02:50
Operator : JU
Sample : L1011-08 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-010220-2-5-COMP-B7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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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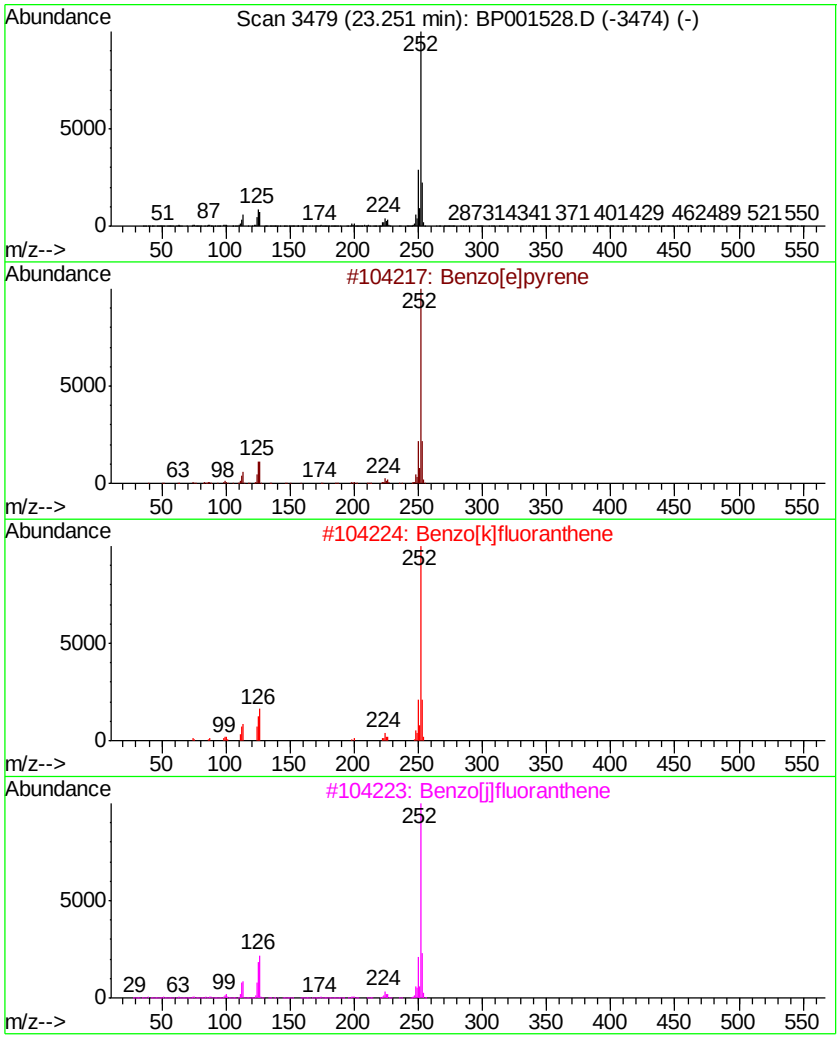
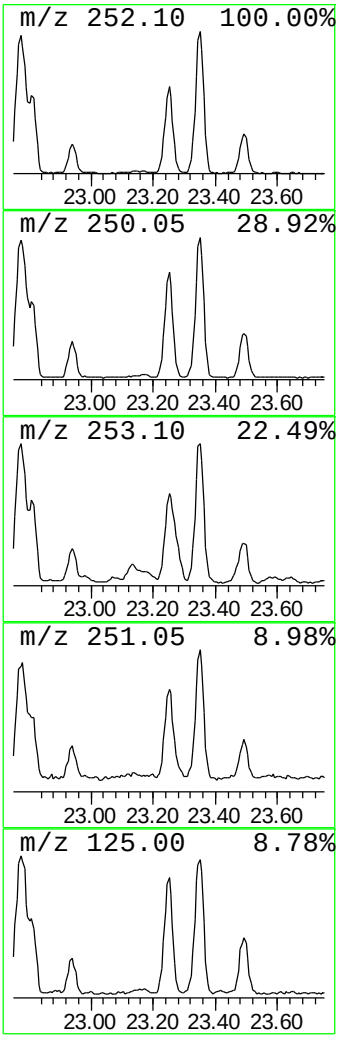
Peak Number 20 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.25	13.98 ng	1359270	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP010320\
Data File : BP001528.D
Acq On : 04 Jan 2020 02:50
Operator : JU
Sample : L1011-08 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-010220-2-5-COMP-B7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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...	3.02	3.3	ng	68319	1	7.69	418953	20.0
unknown7.24	7.24	13.1	ng	274212	1	7.69	418953	20.0
2,4,6-Cycloheptat...	15.69	3.2	ng	107284	3	14.33	674241	20.0
9H-Fluorene, 2-me...	16.39	3.2	ng	132929	4	17.09	832432	20.0
Anthracene, 1,2,3...	16.85	3.3	ng	135817	4	17.09	832432	20.0
Naphtho[2,1-b]thi...	16.90	4.6	ng	190090	4	17.09	832432	20.0
Phenanthrene, 2-m...	17.96	7.2	ng	300878	4	17.09	832432	20.0
Phenanthrene, 1-m...	18.01	11.8	ng	492576	4	17.09	832432	20.0
1H-Indene, 1-phenyl-	18.09	5.5	ng	227915	4	17.09	832432	20.0
4H-Cyclopenta[def...	18.15	18.0	ng	747771	4	17.09	832432	20.0
Anthracene, 9-met...	18.19	5.1	ng	210432	4	17.09	832432	20.0
Naphthalene, 2-ph...	18.46	6.8	ng	284255	4	17.09	832432	20.0
9,10-Anthracenedione	18.49	3.9	ng	160559	4	17.09	832432	20.0
9,10-Dimethylanth...	18.86	5.2	ng	217134	4	17.09	832432	20.0
Cyclopenta(def)ph...	18.99	4.6	ng	190550	4	17.09	832432	20.0
11H-Benzo[b]fluorene	19.95	4.2	ng	655978	5	21.19	3094470	20.0
Fluoranthene, 2-m...	20.05	3.3	ng	517467	5	21.19	3094470	20.0
Pyrene, 2-methyl-	20.10	3.2	ng	494154	5	21.19	3094470	20.0
Benzo[e]pyrene	23.25	14.0	ng	1359270	6	23.44	1944280	20.0