LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061920\
Data File : BP002469.D
Acq On : 19 Jun 2020 21:08
Operator : CG/JU
Sample : L3056-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SAMPLE-A-LOT-11

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-BP060520.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	5.205	387	394	414	rBV	2750900	4154199	48.29%	3.181%
2	6.775	652	661	679	rBV	2884383	4756618	55.29%	3.642%
3	7.587	790	799	808	rBV	786678	1232848	14.33%	0.944%
4	7.904	844	853	862	rBV	2460468	4020566	46.74%	3.078%
5	8.728	982	993	1007	rBV	1958001	3370351	39.18%	2.580%
6	10.357	1262	1270	1276	rBV	1059131	1791509	20.83%	1.372%
7	12.851	1687	1694	1710	rBV	4528482	7003307	81.41%	5.362%
8	13.692	1829	1837	1846	rBV	476722	675396	7.85%	0.517%
9	13.951	1875	1881	1888	rBV	129392	208992	2.43%	0.160%
10	14.063	1894	1900	1912	rVB	73031	163889	1.91%	0.125%
11	14.234	1922	1929	1935	rBV	1607055	2398555	27.88%	1.836%
12	14.298	1935	1940	1948	rVB	148660	228757	2.66%	0.175%
13	14.634	1992	1997	2003	rBV2	73167	124707	1.45%	0.095%
14	15.286	2102	2108	2114	rBV	168312	242755	2.82%	0.186%
15	15.733	2175	2184	2195	rBV	3610466	5501886	63.96%	4.212%
16	16.351	2285	2289	2295	rVB3	46145	90093	1.05%	0.069%
17	16.428	2295	2302	2309	rBV5	52008	155700	1.81%	0.119%
18	16.639	2334	2338	2348	rVB2	87202	155759	1.81%	0.119%
19	16.733	2349	2354	2359	rBV2	51215	112092	1.30%	0.086%
20	16.804	2362	2366	2371	rVB	127020	190892	2.22%	0.146%
21	16.992	2392	2398	2401	rBV	1997427	2944250	34.23%	2.254%
22	17.033	2401	2405	2411	rVV	2379967	3399068	39.51%	2.602%
23	17.122	2415	2420	2426	rVB	715979	1007738	11.71%	0.772%
24	17.398	2458	2467	2472	rBV	239290	402266	4.68%	0.308%
25	17.522	2484	2488	2493	rBV2	71284	117627	1.37%	0.090%
26	17.575	2493	2497	2503	rVB3	86287	133218	1.55%	0.102%
27	17.792	2530	2534	2538	rBV4	50728	90282	1.05%	0.069%
28	17.863	2541	2546	2551	rVV2	576006	885756	10.30%	0.678%
29	17.922	2551	2556	2563	rVV2	1074204	1789699	20.80%	1.370%
30	17.992	2564	2568	2573	rVV	269325	429552	4.99%	0.329%
31	18.057	2573	2579	2582	rVV2	716192	1225387	14.24%	0.938%
32	18.092	2582	2585	2592	rVB2	335504	441795	5.14%	0.338%
33	18.210	2602	2605	2609	rVB2	64703	91722	1.07%	0.070%
34	18.357	2626	2630	2633	rBV	364263	488872	5.68%	0.374%

LSC Area Percent Report

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Data File : BP002469.D
Acq On : 19 Jun 2020 21:08
Operator : CG/JU
Sample : L3056-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SAMPLE-A-LOT-11

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-BP060520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	18.392	2633	2636	2643	rVB2	232480	322354	3.75%	0.247%
36	18.598	2668	2671	2675	rVB	133767	153902	1.79%	0.118%
37	18.645	2676	2679	2682	rVV	117714	145291	1.69%	0.111%
38	18.686	2682	2686	2689	rVB	105074	134922	1.57%	0.103%
39	18.763	2694	2699	2704	rBV	328313	521349	6.06%	0.399%
40	18.827	2704	2710	2713	rVV3	217051	393037	4.57%	0.301%
41	18.857	2713	2715	2717	rVV	114308	107412	1.25%	0.082%
42	18.898	2717	2722	2730	rVB2	325402	554909	6.45%	0.425%
43	19.022	2737	2743	2749	rBV	5479974	7859371	91.36%	6.017%
44	19.163	2764	2767	2771	rBV2	246474	303769	3.53%	0.233%
45	19.251	2779	2782	2787	rVB	188277	247336	2.88%	0.189%
46	19.369	2793	2802	2811	rBV	4850510	8602533	100.00%	6.586%
47	19.445	2811	2815	2821	rBV2	221526	413726	4.81%	0.317%
48	19.510	2822	2826	2829	rBV3	217594	291211	3.39%	0.223%
49	19.545	2829	2832	2833	rBV	380409	396364	4.61%	0.303%
50	19.580	2833	2838	2842	rVV	6453342	8296842	96.45%	6.352%
51	19.616	2842	2844	2848	rVB	230183	286720	3.33%	0.220%
52	19.857	2882	2885	2889	rBV2	413946	520295	6.05%	0.398%
53	19.957	2899	2902	2905	rVB2	399623	434538	5.05%	0.333%
54	20.010	2905	2911	2915	rBV3	483336	885884	10.30%	0.678%
55	20.092	2922	2925	2929	rVV3	206190	291884	3.39%	0.223%
56	20.145	2931	2934	2938	rVB	386039	516250	6.00%	0.395%
57	20.186	2938	2941	2950	rVB3	331813	521754	6.07%	0.399%
58	20.398	2974	2977	2980	rBV3	104813	124444	1.45%	0.095%
59	20.586	3005	3009	3016	rVB	533278	748438	8.70%	0.573%
60	20.751	3031	3037	3040	rBV2	533454	909016	10.57%	0.696%
61	20.786	3040	3043	3046	rVV	517635	605271	7.04%	0.463%
62	20.839	3046	3052	3055	rVV2	1409537	2264298	26.32%	1.734%
63	20.874	3055	3058	3070	rVB2	545785	828444	9.63%	0.634%
64	21.086	3088	3094	3099	rBV2	3351330	6973392	81.06%	5.339%
65	21.133	3099	3102	3109	rVB	2726442	3331640	38.73%	2.551%
66	21.245	3118	3121	3124	rBV	344692	424774	4.94%	0.325%
67	21.398	3143	3147	3153	rBV2	338032	526867	6.12%	0.403%
68	21.451	3153	3156	3160	rVB4	154142	185755	2.16%	0.142%
69	21.586	3176	3179	3181	rBV	111052	129951	1.51%	0.099%
70	21.639	3185	3188	3192	rVB	409017	501904	5.83%	0.384%
71	21.716	3198	3201	3206	rVB2	455670	596364	6.93%	0.457%

LSC Area Percent Report

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Operator : CG/JU
Sample : L3056-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SAMPLE-A-LOT-11

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-BP060520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	21.827	3217	3220	3223	rBV2	214406	269005	3.13%	0.206%
73	22.386	3310	3315	3325	rVB3	1749092	2540334	29.53%	1.945%
74	22.639	3352	3358	3362	rBV	2049836	4495153	52.25%	3.442%
75	22.704	3366	3369	3381	rVV2	2273505	4108953	47.76%	3.146%
76	22.804	3382	3386	3396	rVB	399231	682016	7.93%	0.522%
77	23.104	3432	3437	3446	rVB	1321961	2324521	27.02%	1.780%
78	23.198	3447	3453	3462	rVV	1640944	3156441	36.69%	2.417%
79	23.292	3463	3469	3474	rVV	1182006	2333730	27.13%	1.787%
80	23.339	3474	3477	3491	rVB2	507822	993761	11.55%	0.761%
81	23.533	3506	3510	3517	rVB4	347948	606067	7.05%	0.464%
82	23.880	3564	3569	3575	rVB	539201	1010469	11.75%	0.774%
83	23.957	3576	3582	3590	rBV	410782	879016	10.22%	0.673%
84	25.057	3765	3769	3783	rVB3	360797	801620	9.32%	0.614%
85	25.498	3836	3844	3856	rVB2	1072000	3162676	36.76%	2.421%
86	25.615	3859	3864	3875	rVB3	274157	728193	8.46%	0.558%
87	26.174	3951	3959	3976	rVB	712823	2140729	24.88%	1.639%

Sum of corrected areas: 130610998

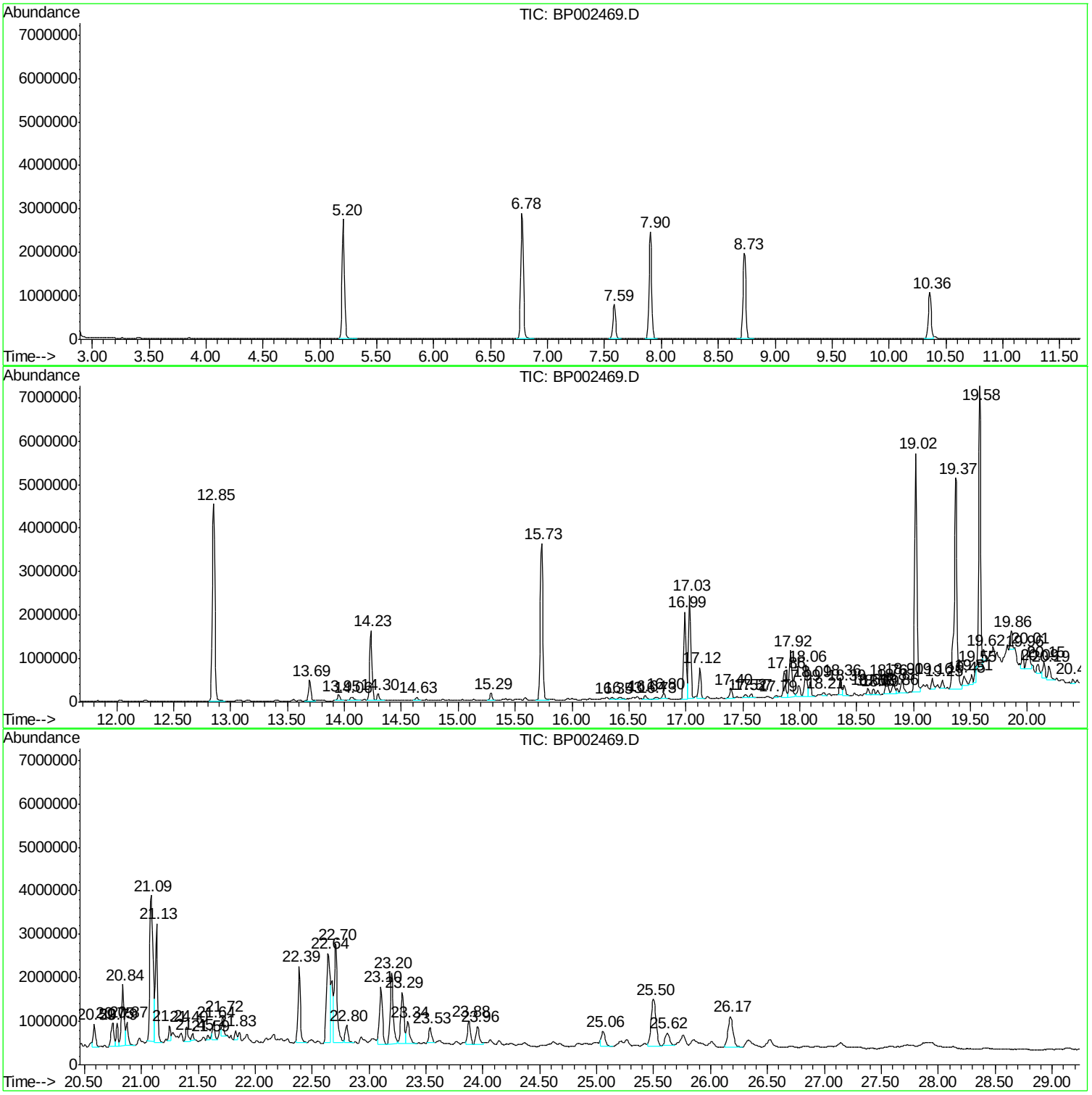
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061920\
Data File : BP002469.D
Acq On : 19 Jun 2020 21:08
Operator : CG/JU
Sample : L3056-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SAMPLE-A-LOT-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP060520.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\BP061920\
Data File : BP002469.D
Acq On : 19 Jun 2020 21:08
Operator : CG/JU
Sample : L3056-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SAMPLE-A-LOT-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

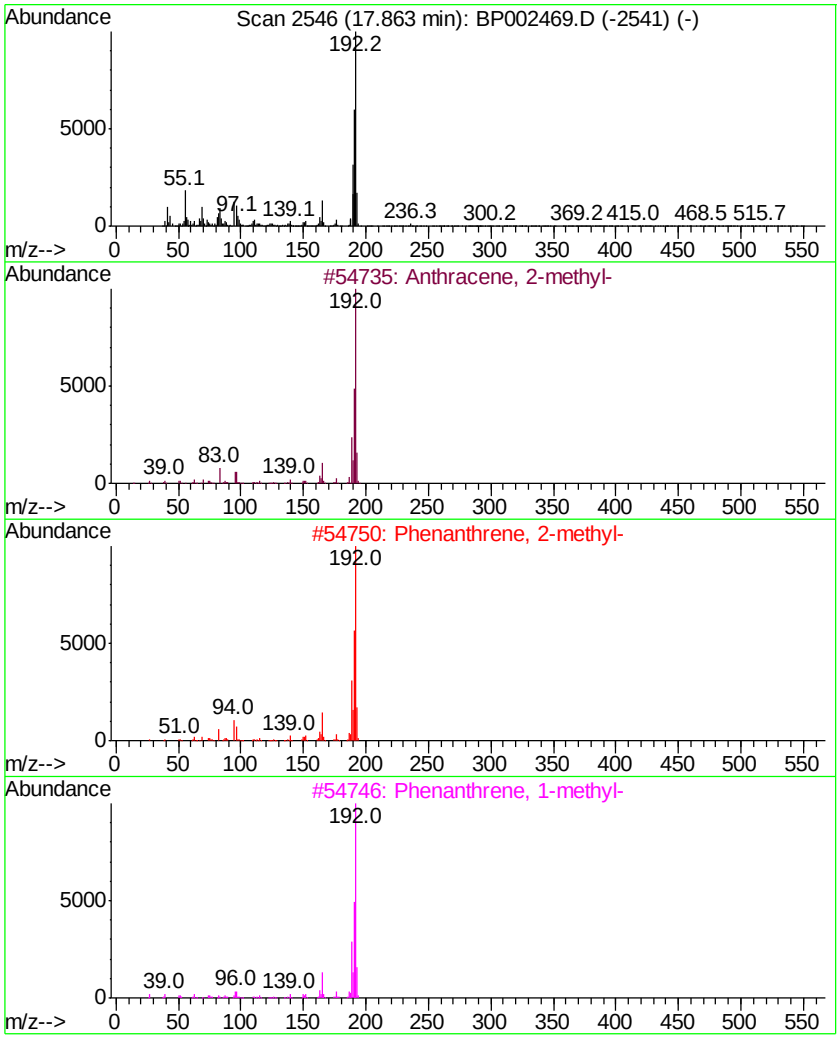
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

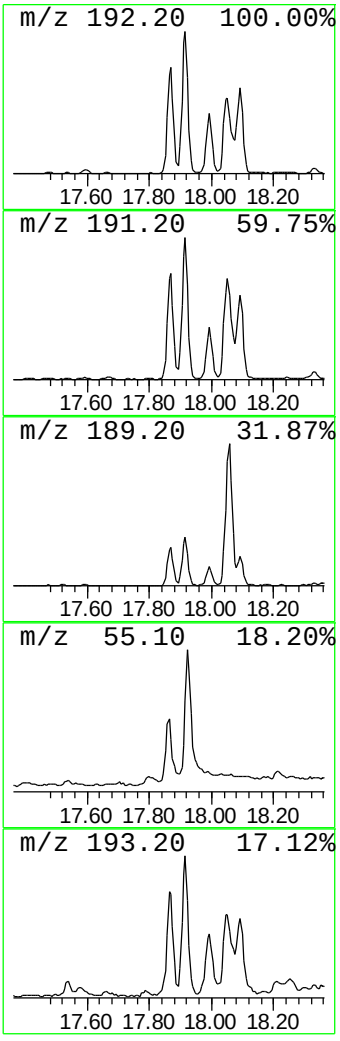
****

Peak Number 2 Anthracene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	6.02 ng	885756	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061920\
Data File : BP002469.D
Acq On : 19 Jun 2020 21:08
Operator : CG/JU
Sample : L3056-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SAMPLE-A-LOT-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

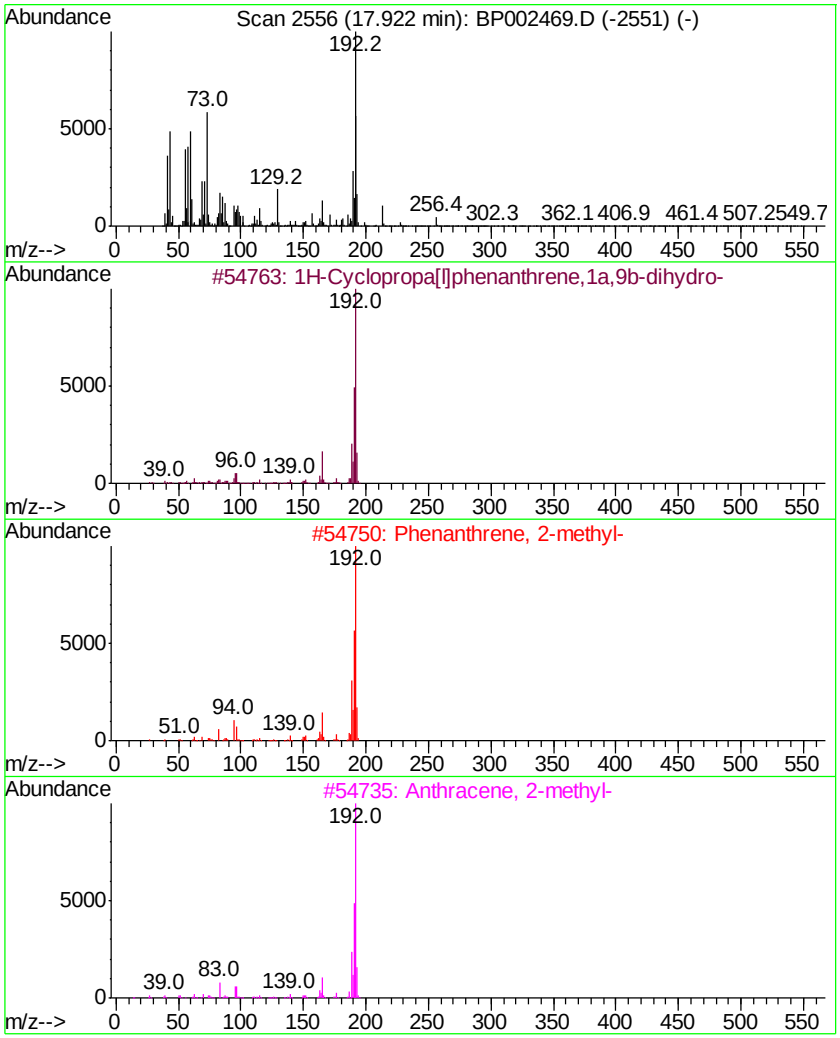
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

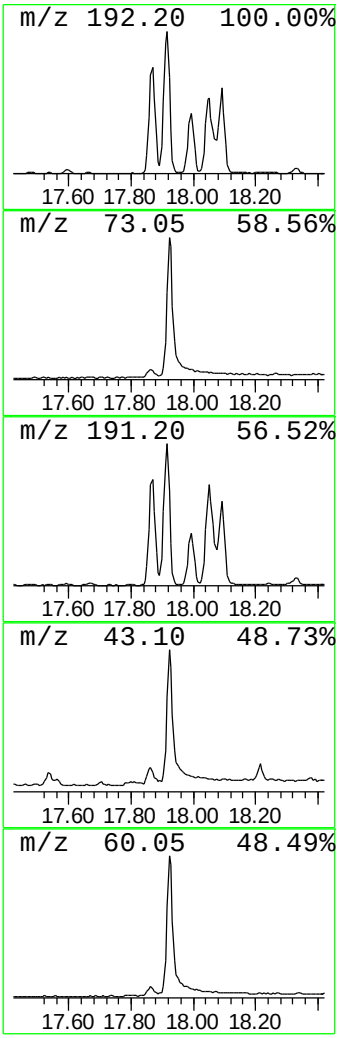
****

Peak Number 3 1H-Cyclopropa[l]phenanthren... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	12.16 ng	1789700	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061920\
Data File : BP002469.D
Acq On : 19 Jun 2020 21:08
Operator : CG/JU
Sample : L3056-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SAMPLE-A-LOT-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

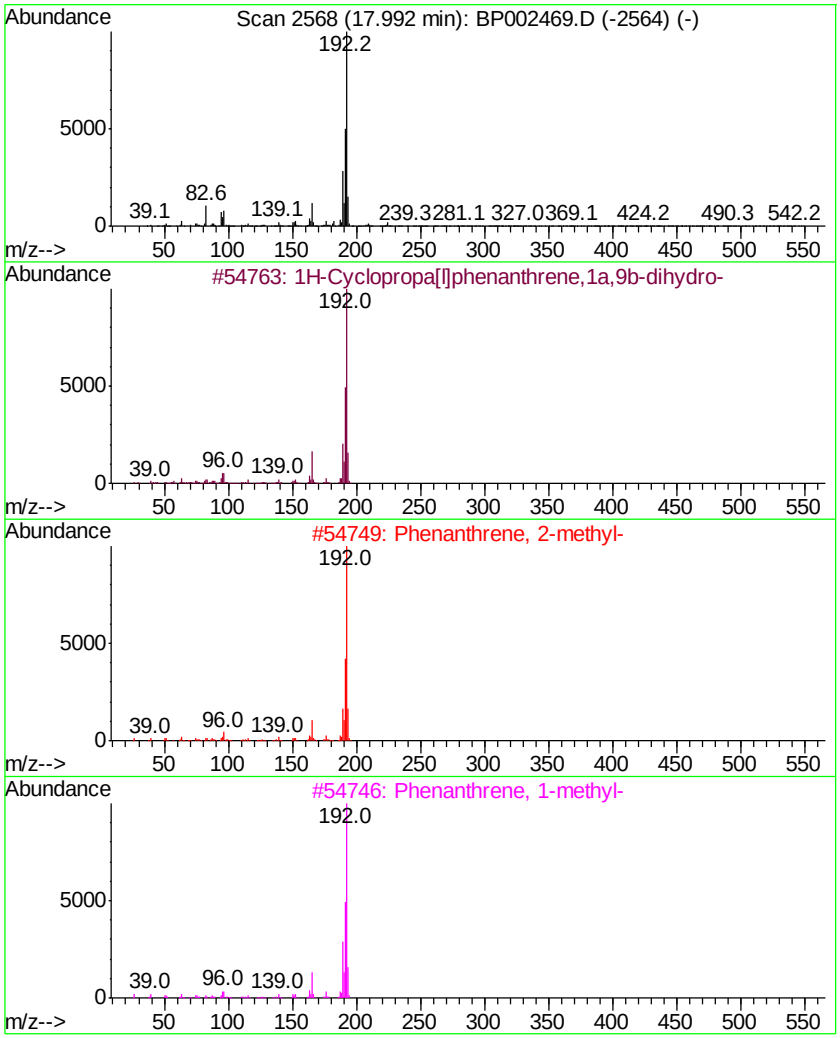
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

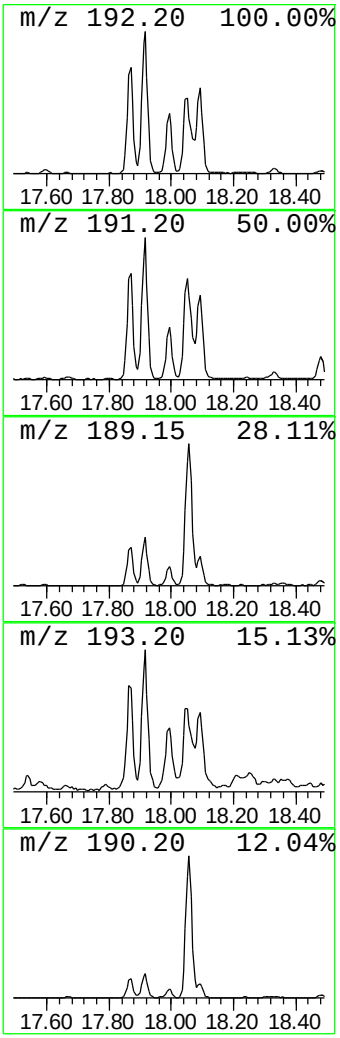
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	2.92 ng	429552	Phenanthrene-d10	16.99

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061920\
Data File : BP002469.D
Acq On : 19 Jun 2020 21:08
Operator : CG/JU
Sample : L3056-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SAMPLE-A-LOT-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

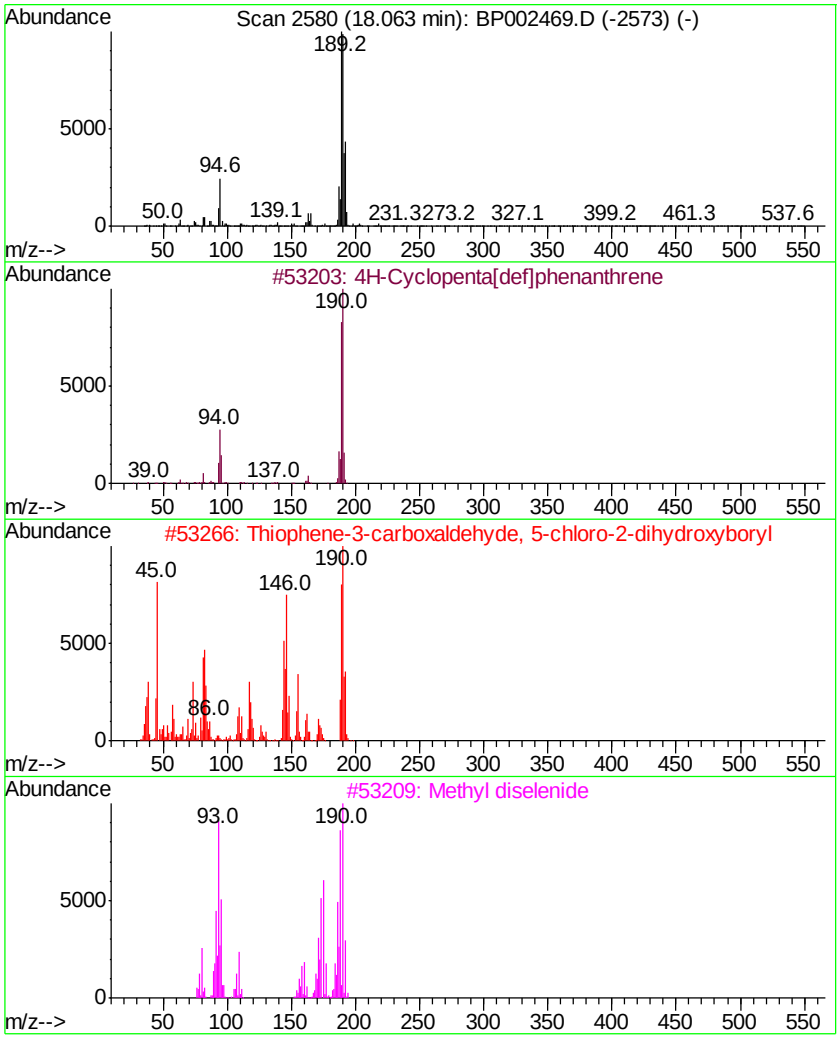
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

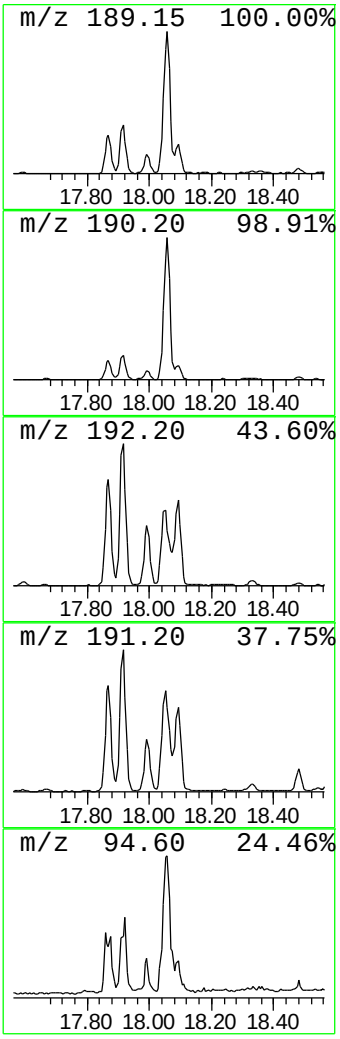
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	8.32 ng	1225390	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	Methyl diselenide	190	C2H6Se2	007101-31-7	46
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	28





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061920\
Data File : BP002469.D
Acq On : 19 Jun 2020 21:08
Operator : CG/JU
Sample : L3056-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SAMPLE-A-LOT-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP060520.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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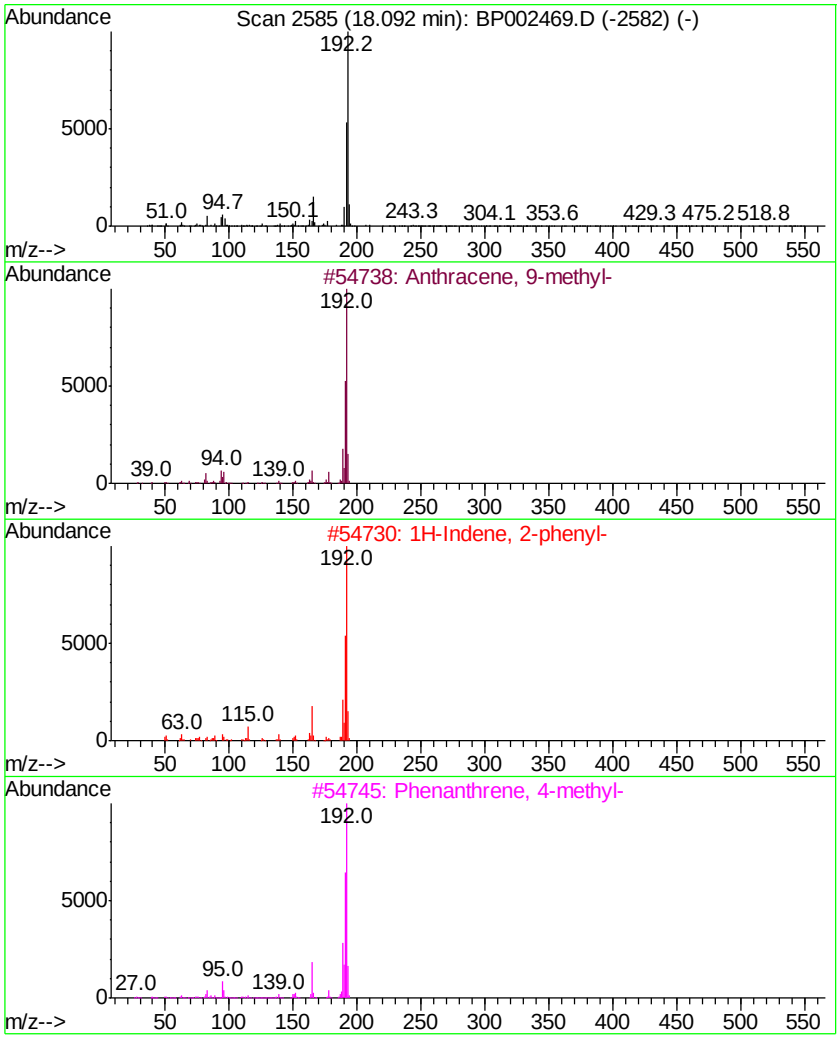
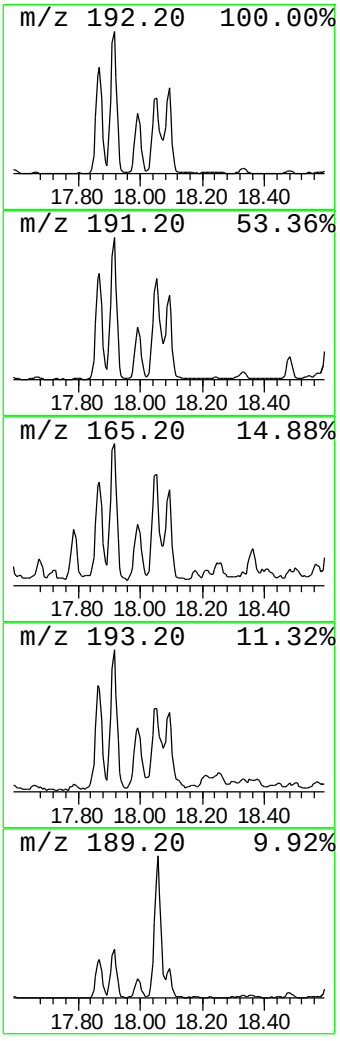
Peak Number 6 Anthracene, 9-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	3.00 ng	441795	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061920\
Data File : BP002469.D
Acq On : 19 Jun 2020 21:08
Operator : CG/JU
Sample : L3056-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SAMPLE-A-LOT-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP060520.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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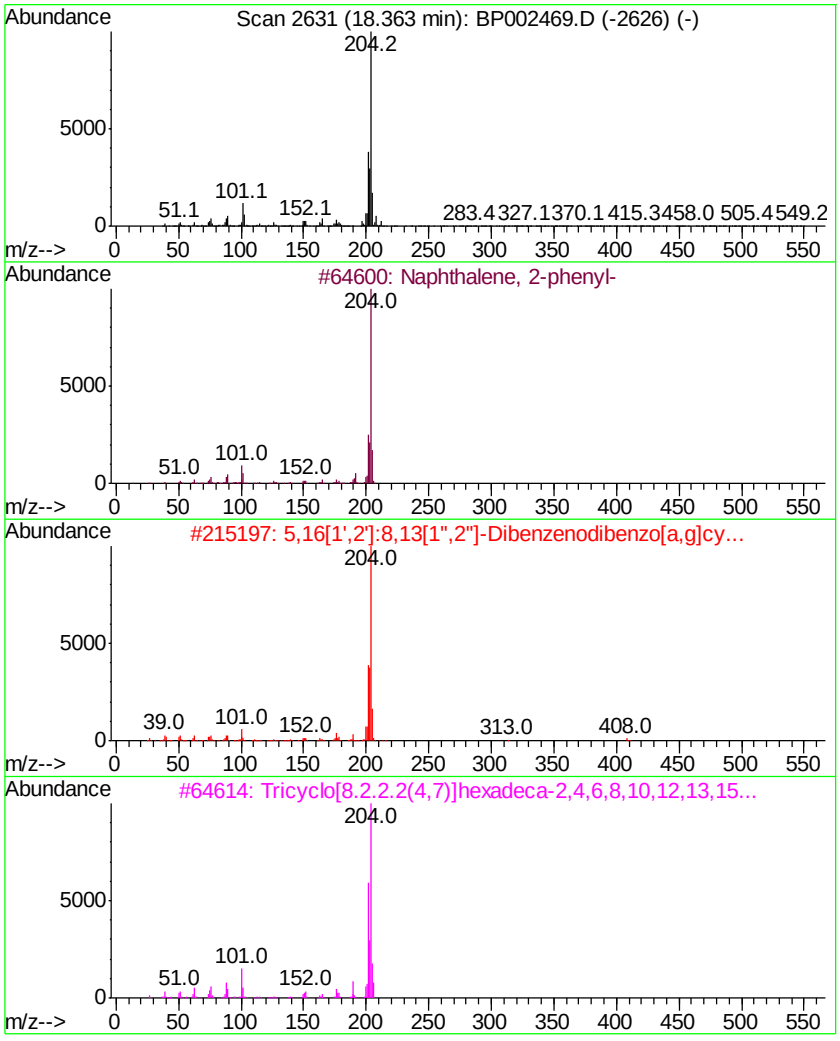
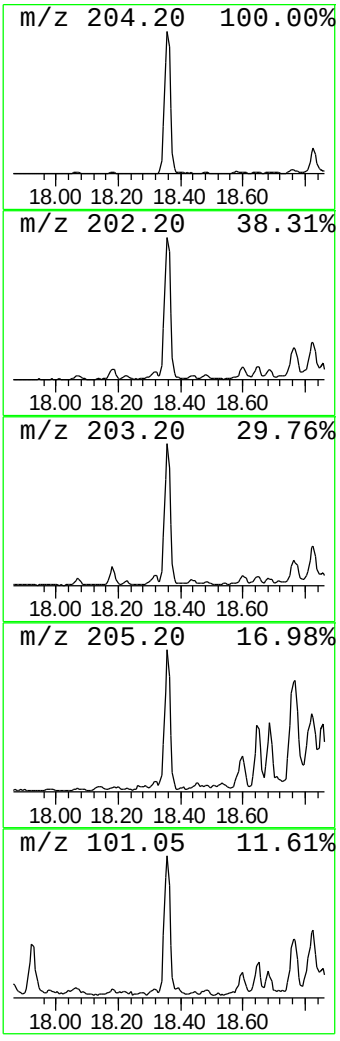
Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	3.32 ng	488872	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	53





Library Search Compound Report

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Acq On : 19 Jun 2020 21:08
Operator : CG/JU
Sample : L3056-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SAMPLE-A-LOT-11

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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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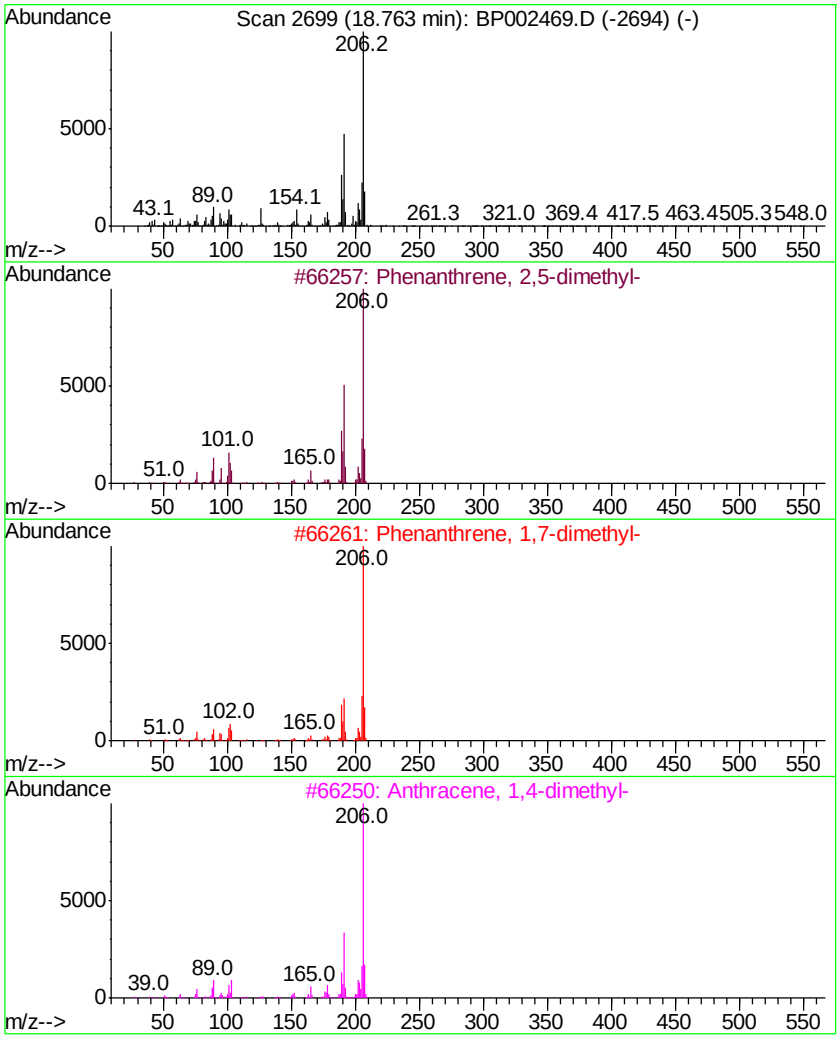
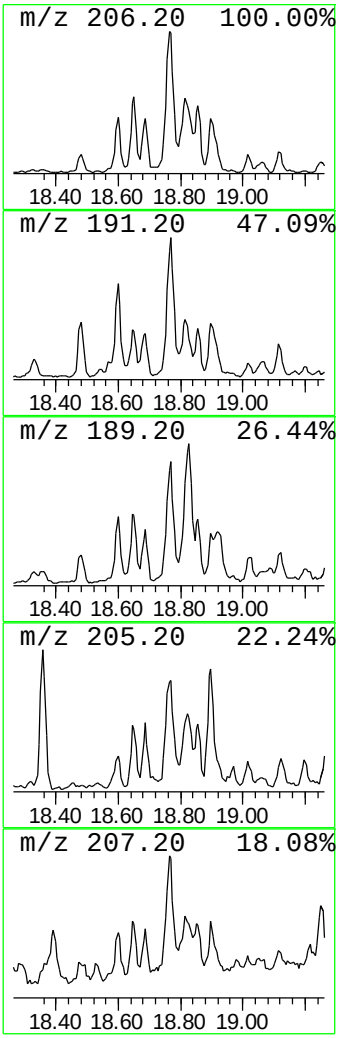
Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.76	3.54 ng	521349	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90





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ClientSampleId : SAMPLE-A-LOT-11

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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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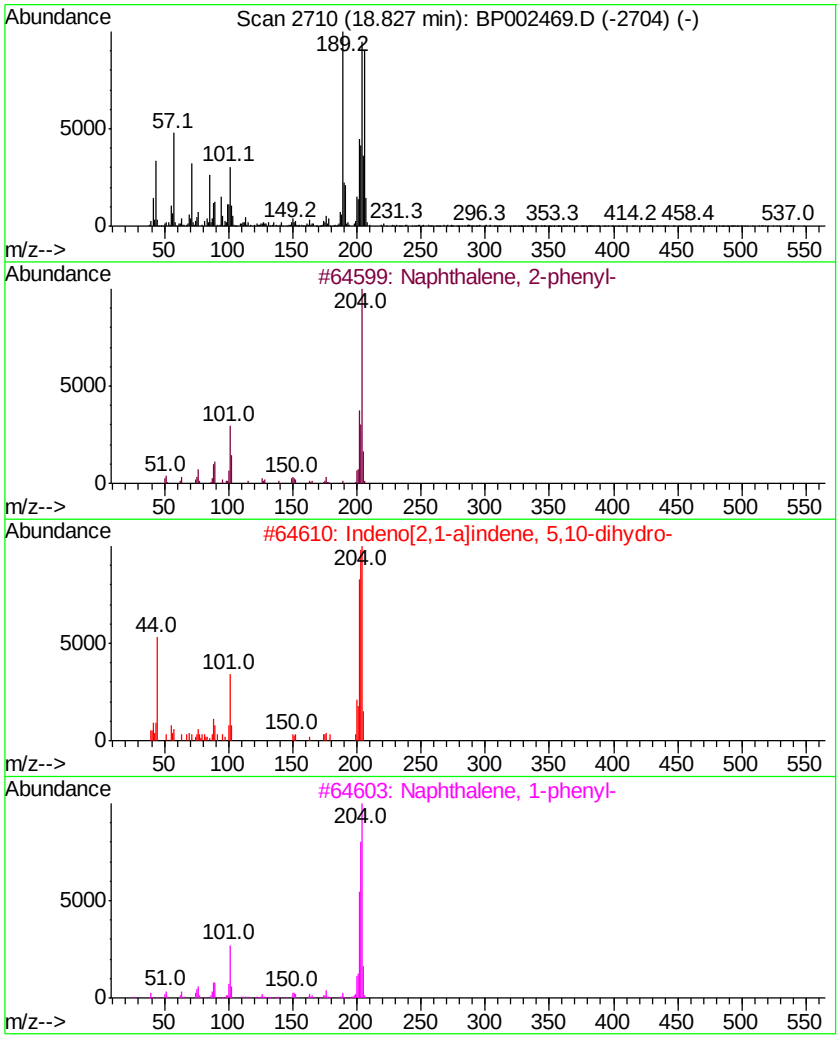
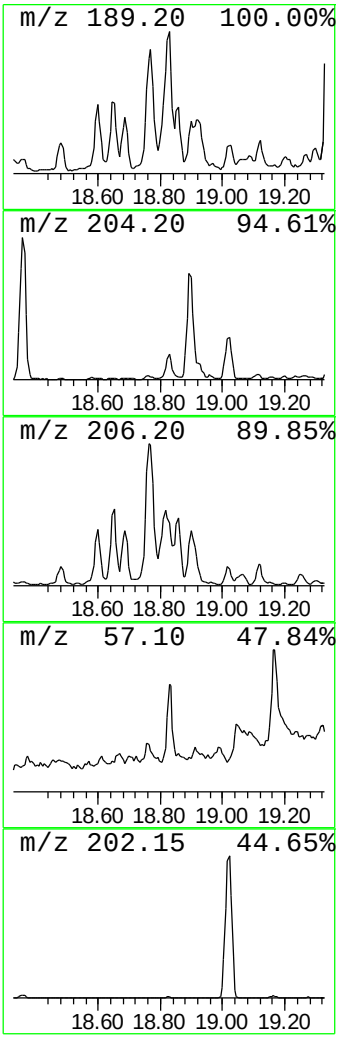
Peak Number 9 unknown18.83 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	2.67 ng	393037	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	51
2	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	45
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	44
4	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	42
5	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	35





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ClientSampleId : SAMPLE-A-LOT-11

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TIC Library : C:\DATABASE\NIST11.L
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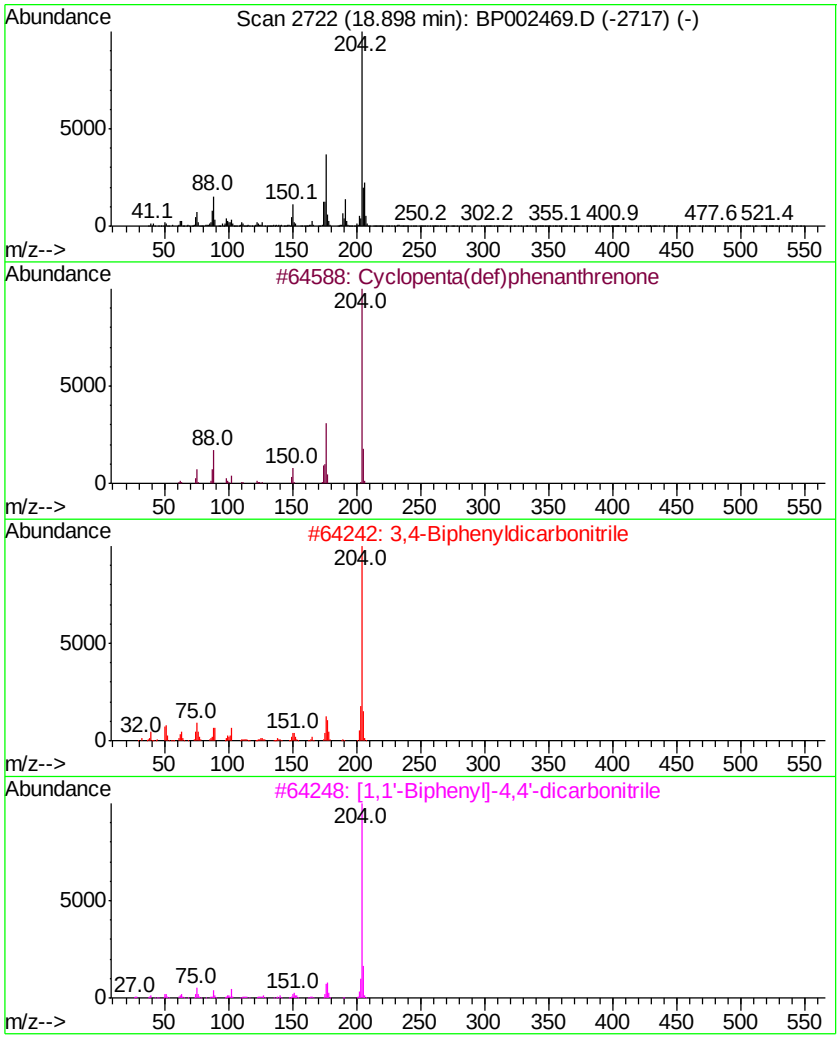
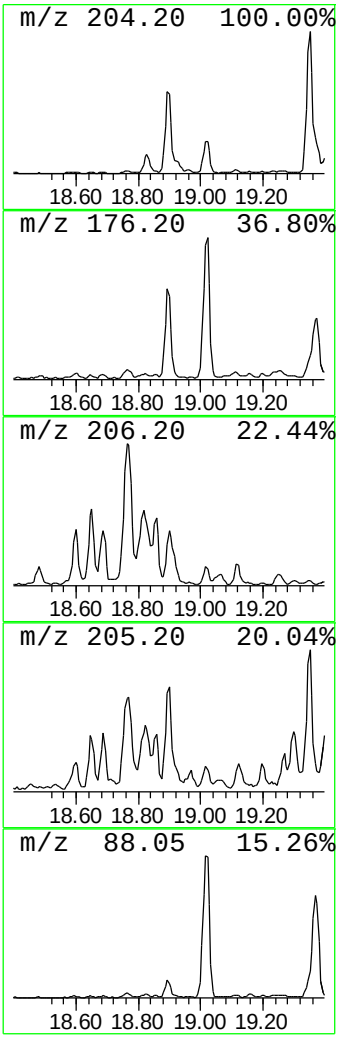
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.90	3.77 ng	554909	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
4	Acetamide, 2-(3,4-dihydro-1-isoq...	332	C17H14F2N2OS	1000270-76-1	50
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	46





Library Search Compound Report

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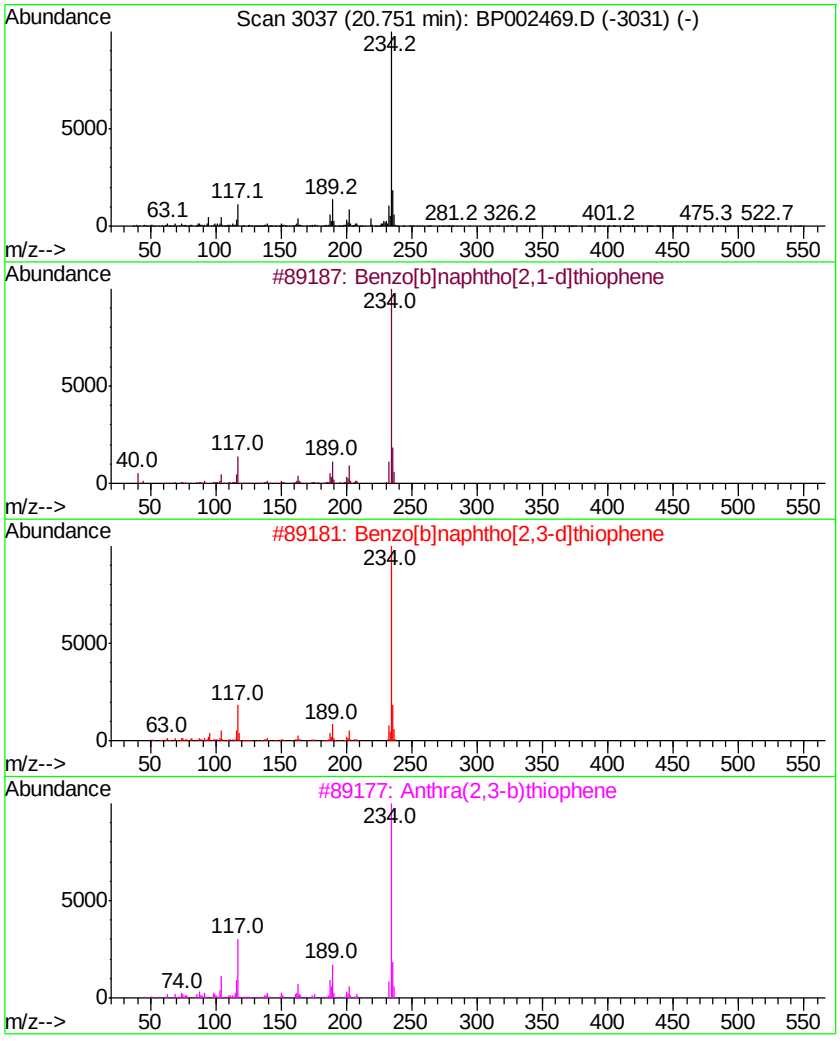
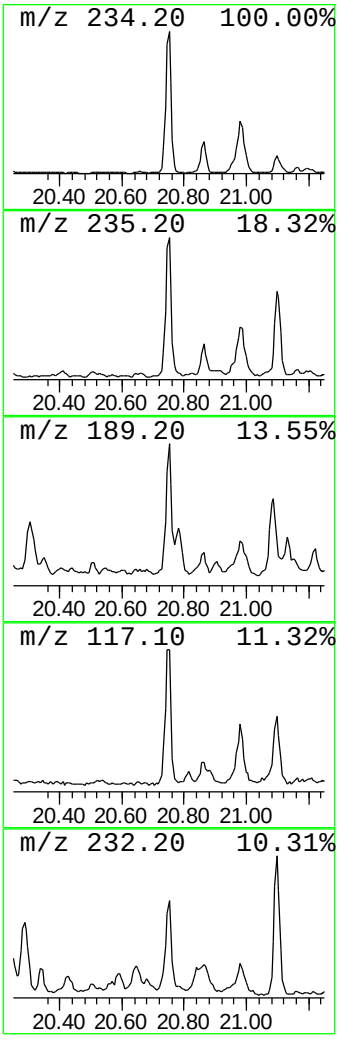
Peak Number 11 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.75	2.61 ng	909016	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	98
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	95
3	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	93
4	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	90
5	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	81





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Sample : L3056-01
Misc :
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ClientSampleId : SAMPLE-A-LOT-11

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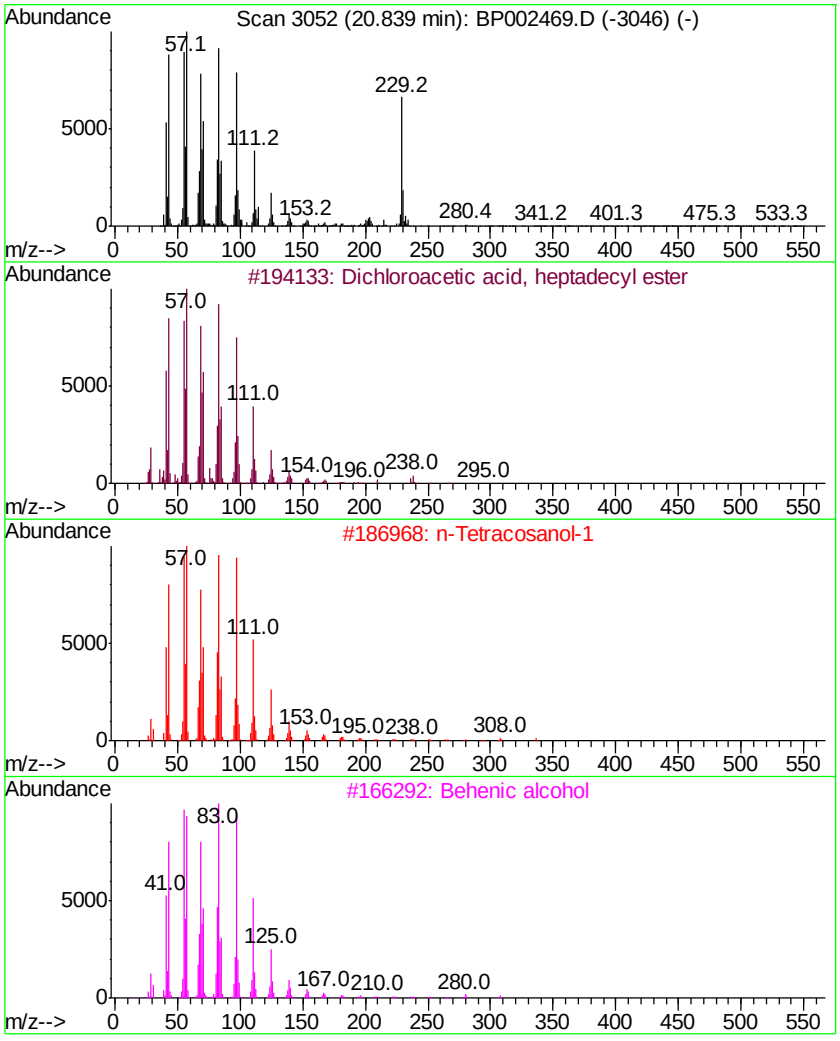
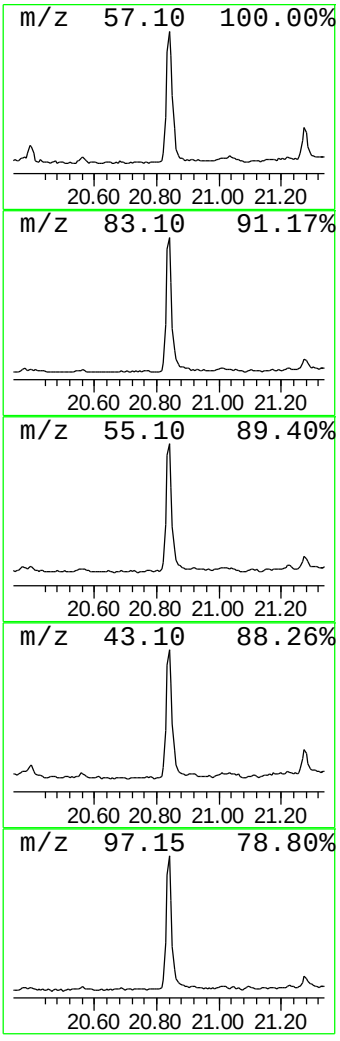
Peak Number 12 Dichloroacetic acid, heptad... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	6.49 ng	2264300	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
3	Behenic alcohol	326	C22H46O	000661-19-8	90
4	1-Heneicosanol	312	C21H44O	015594-90-8	90
5	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	87





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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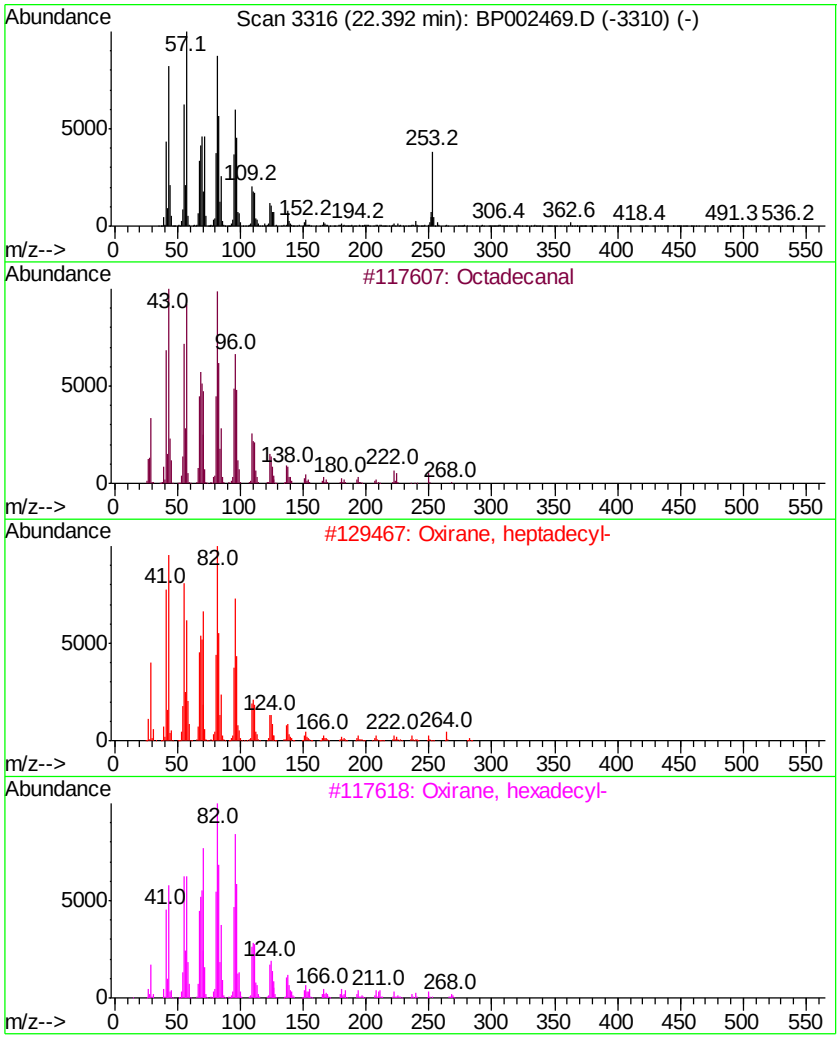
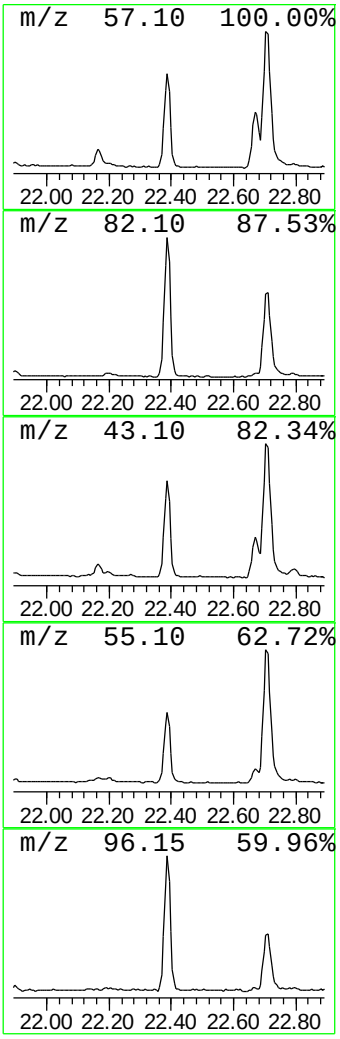
Peak Number 13 Octadecanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.39	21.77 ng	2540330	Perylene-d12	23.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	91
2	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	90
5	16-Heptadecenal	252	C17H32O	1000144-57-9	89





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Sample : L3056-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId : SAMPLE-A-LOT-11

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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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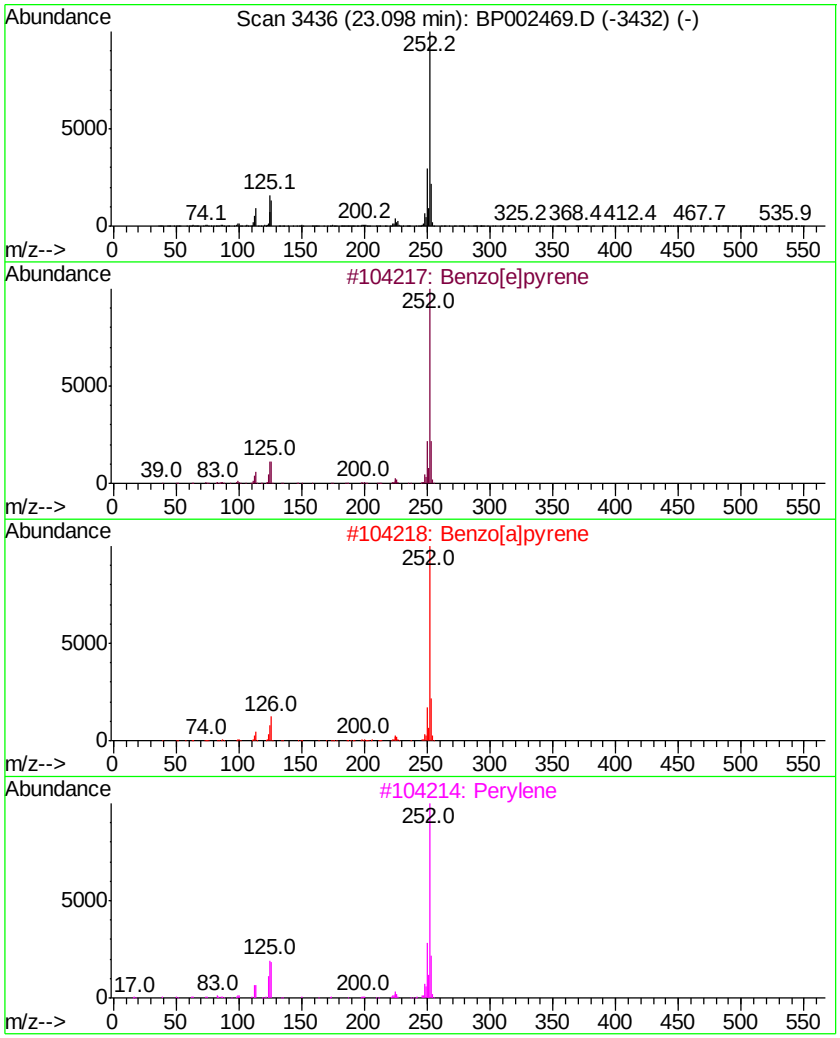
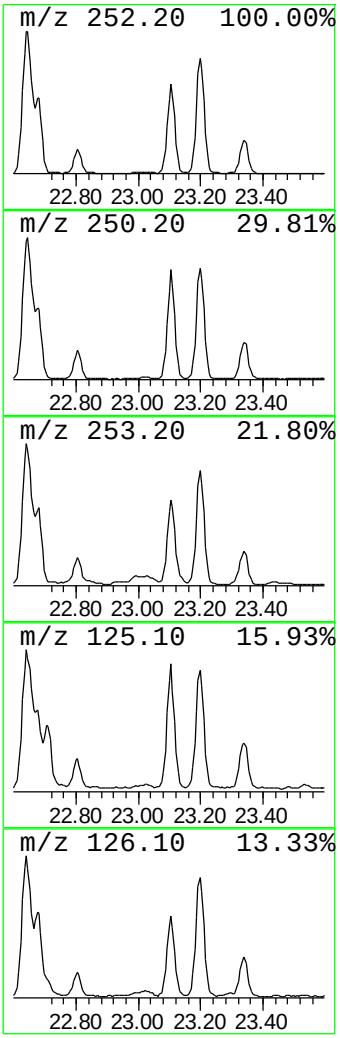
Peak Number 15 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.10	19.92 ng	2324520	Perylene-d12	23.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90





Library Search Compound Report

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Instrument : BNA_P
ClientSampleId : SAMPLE-A-LOT-11

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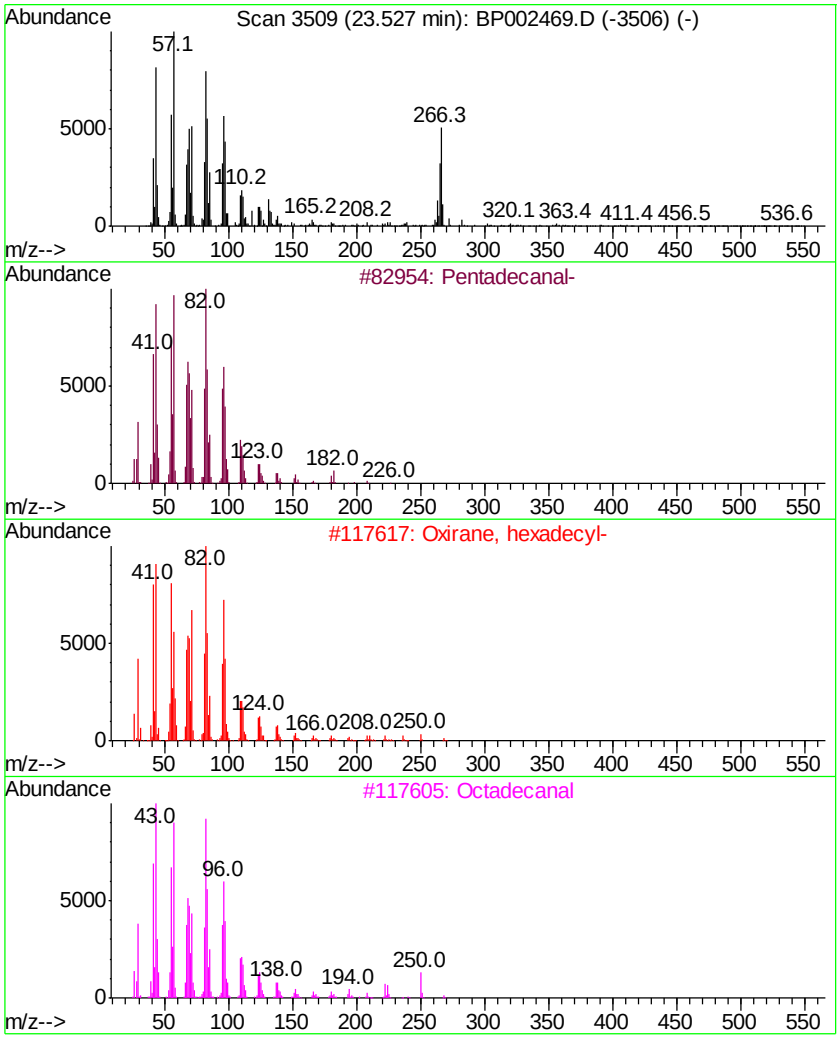
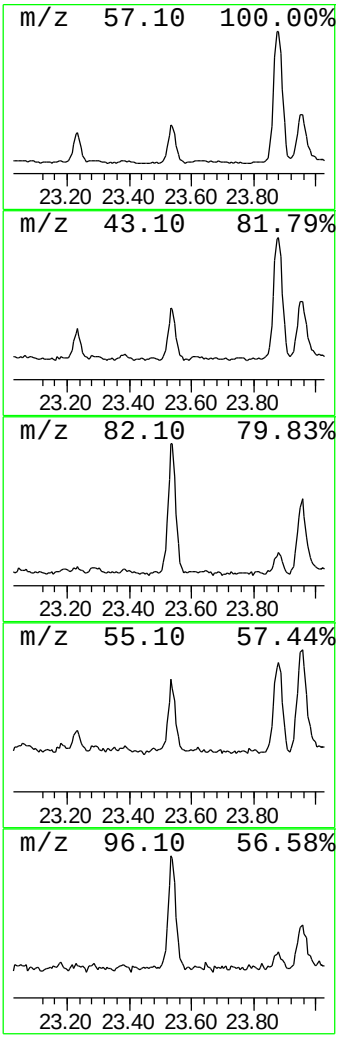
Peak Number 16 Pentadecanal- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.53	5.19 ng	606067	Perylene-d12	23.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanal-	226	C15H30O	002765-11-9	95
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	93
3	Octadecanal	268	C18H36O	000638-66-4	90
4	Tetradecanal	212	C14H28O	000124-25-4	89
5	5-Hydroxy-4-methoxy-6H-indolo[3,...	266	C15H10N2O3	018110-86-6	80





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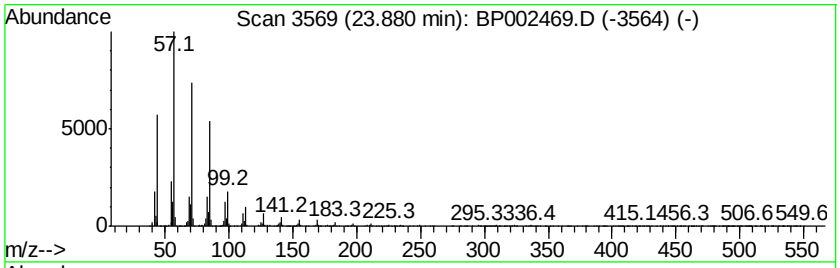
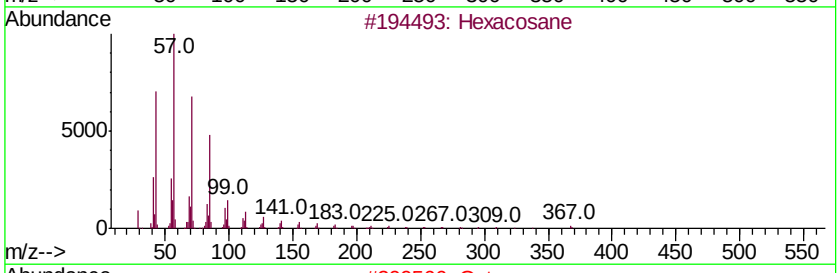
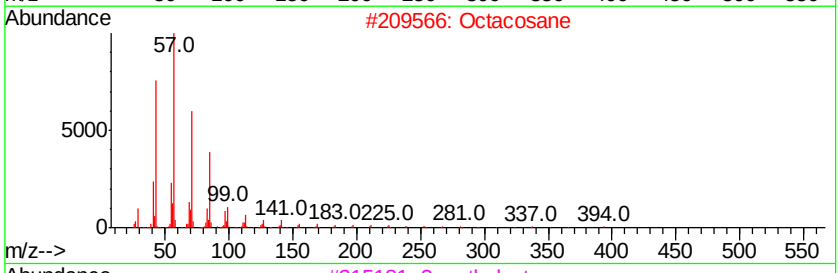
Peak Number 17 Hexacosane Concentration Rank 5

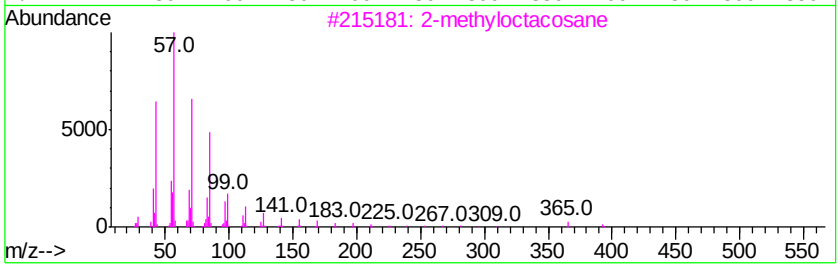
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.88	8.66 ng	1010470	Perylene-d12	23.29

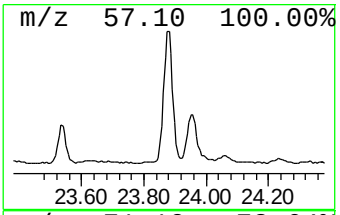
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Octacosane	394	C28H58	000630-02-4	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91

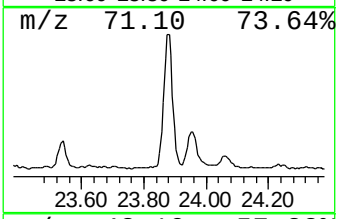


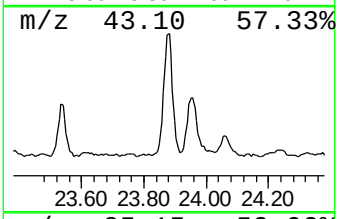


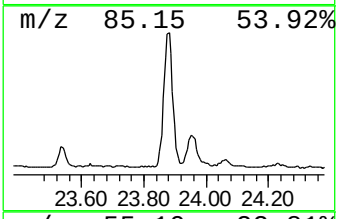


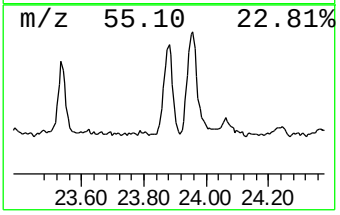












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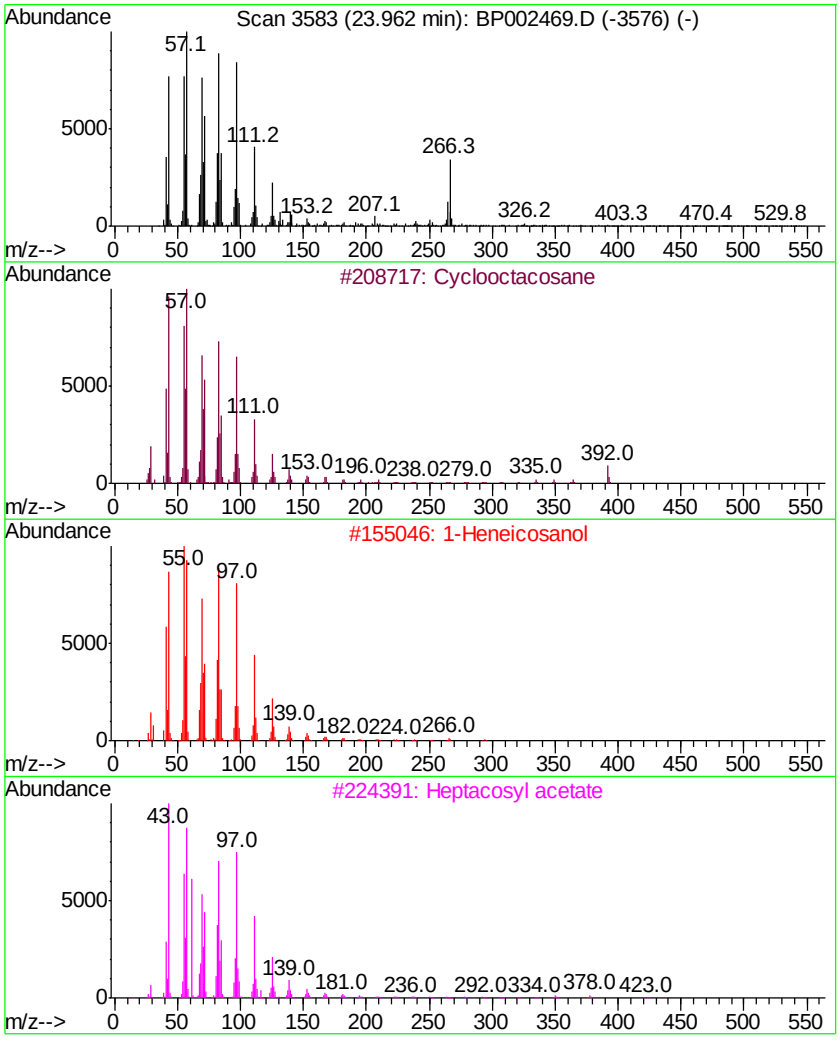
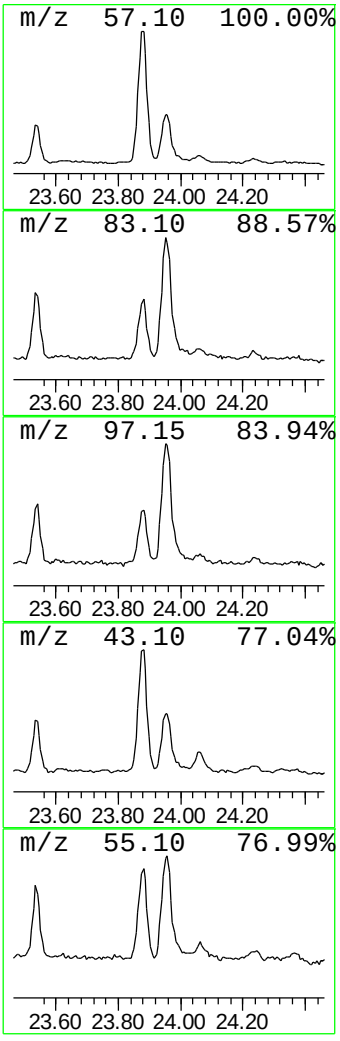
Peak Number 18 Cyclooctacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.96	7.53 ng	879016	Perylene-d12	23.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctacosane	392	C28H56	000297-24-5	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Heptacosyl acetate	438	C29H58O2	1000351-78-2	93
4	1-Heptacosanol	396	C27H56O	002004-39-9	93
5	Octacosanol	410	C28H58O	000557-61-9	93





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Data File : BP002469.D
Acq On : 19 Jun 2020 21:08
Operator : CG/JU
Sample : L3056-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SAMPLE-A-LOT-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

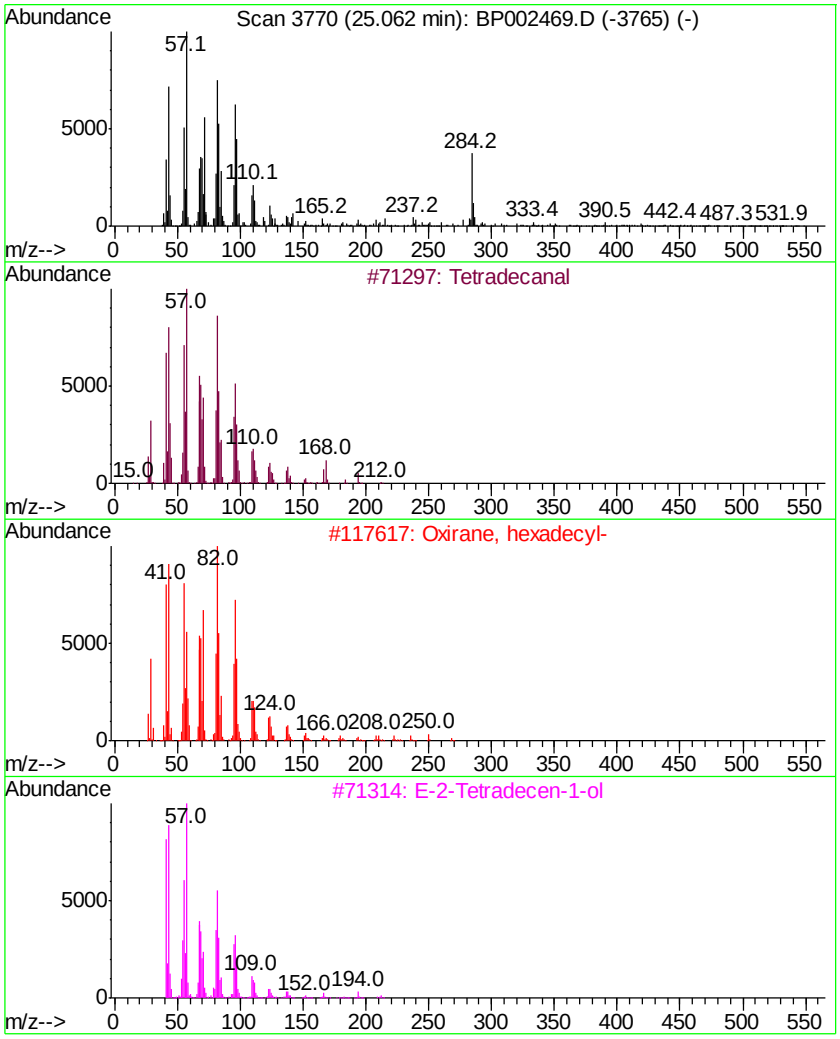
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

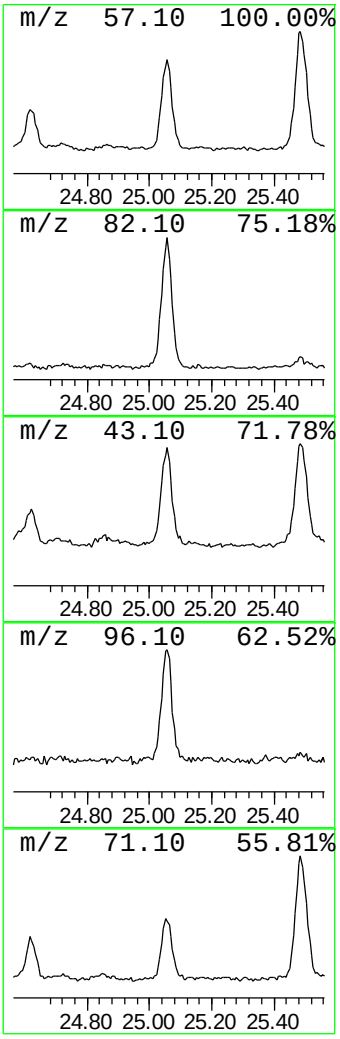
****

Peak Number 19 Tetradecanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.06	6.87 ng	801620	Perylene-d12	23.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanal	212	C14H28O	000124-25-4	76
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	62
3	E-2-Tetradecen-1-ol	212	C14H28O	1000130-83-7	51
4	Octadecanal	268	C18H36O	000638-66-4	47
5	17-Octadecenal	266	C18H34O	056554-86-0	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061920\
Data File : BP002469.D
Acq On : 19 Jun 2020 21:08
Operator : CG/JU
Sample : L3056-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SAMPLE-A-LOT-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP060520.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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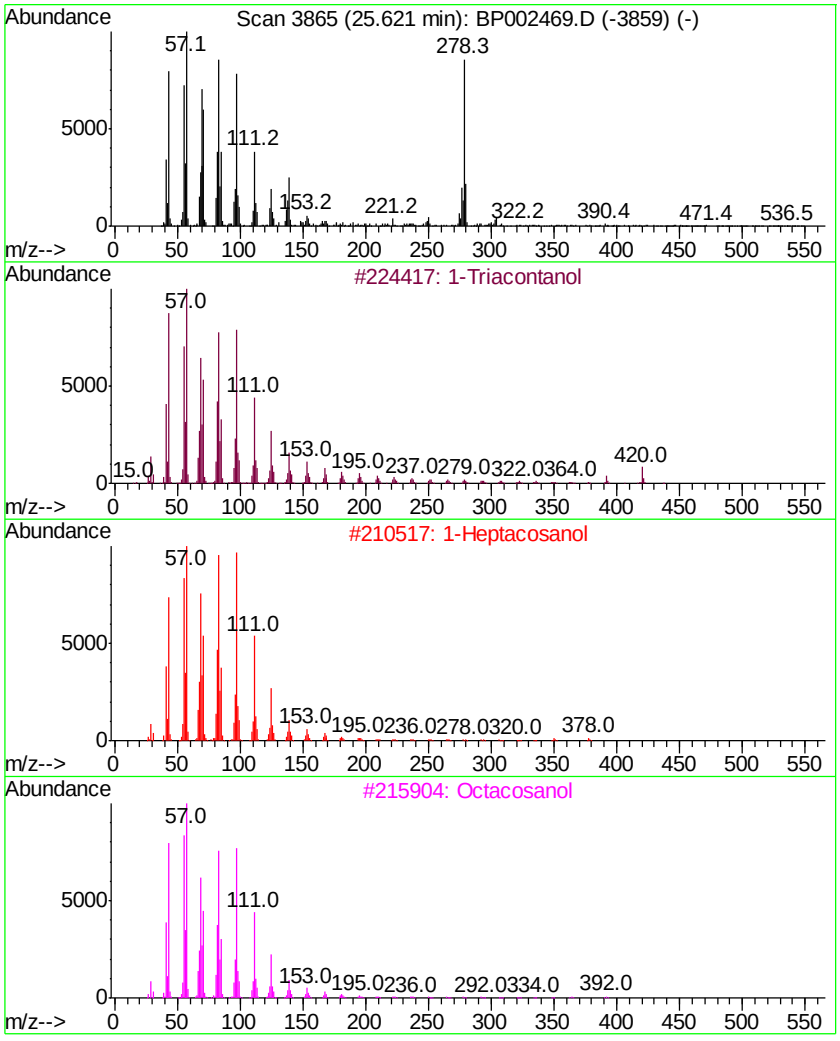
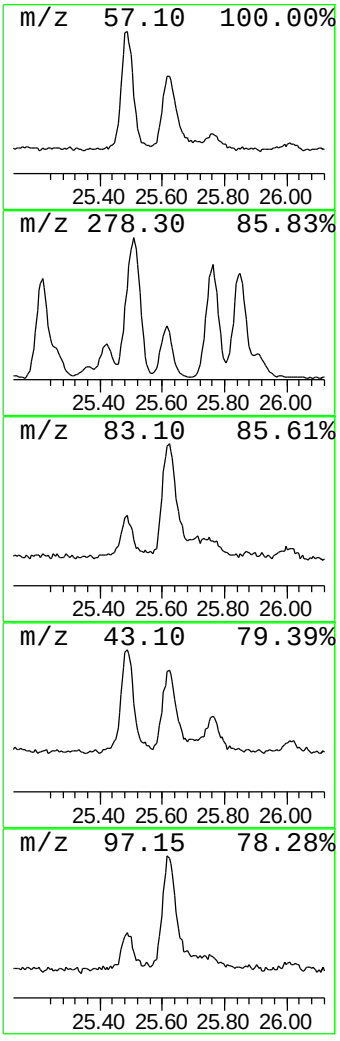
Peak Number 20 1-Triacontanol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.62	6.24 ng	728193	Perylene-d12	23.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Triacontanol	438	C30H62O	000593-50-0	93
2	1-Heptacosanol	396	C27H56O	002004-39-9	83
3	Octacosanol	410	C28H58O	000557-61-9	83
4	Docosyl heptafluorobutyrate	522	C26H45F7O2	1000351-83-1	83
5	Heptacosyl acetate	438	C29H58O2	1000351-78-2	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP061920\
Data File : BP002469.D
Acq On : 19 Jun 2020 21:08
Operator : CG/JU
Sample : L3056-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SAMPLE-A-LOT-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP060520.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
Anthracene, 2-met...	17.86	6.0	ng	885756	4	16.99	2944250	20.0
1H-Cyclopropa[l]p...	17.92	12.2	ng	1789700	4	16.99	2944250	20.0
Phenanthrene, 2-m...	17.99	2.9	ng	429552	4	16.99	2944250	20.0
4H-Cyclopenta[def...	18.06	8.3	ng	1225390	4	16.99	2944250	20.0
Anthracene, 9-met...	18.09	3.0	ng	441795	4	16.99	2944250	20.0
Naphthalene, 2-ph...	18.36	3.3	ng	488872	4	16.99	2944250	20.0
Phenanthrene, 2,5...	18.76	3.5	ng	521349	4	16.99	2944250	20.0
unknown18.83	18.83	2.7	ng	393037	4	16.99	2944250	20.0
Cyclopenta(def)ph...	18.90	3.8	ng	554909	4	16.99	2944250	20.0
Benzo[b]naphtho[2...	20.75	2.6	ng	909016	5	21.10	6973390	20.0
Dichloroacetic ac...	20.84	6.5	ng	2264300	5	21.10	6973390	20.0
Octadecanal	22.39	21.8	ng	2540330	6	23.29	2333730	20.0
Benzo[e]pyrene	23.10	19.9	ng	2324520	6	23.29	2333730	20.0
Pentadecanal-	23.53	5.2	ng	606067	6	23.29	2333730	20.0
Hexacosane	23.88	8.7	ng	1010470	6	23.29	2333730	20.0
Cyclooctacosane	23.96	7.5	ng	879016	6	23.29	2333730	20.0
Tetradecanal	25.06	6.9	ng	801620	6	23.29	2333730	20.0
1-Triacontanol	25.62	6.2	ng	728193	6	23.29	2333730	20.0