LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
Data File : BP002868.D
Acq On : 24 Jul 2020 23:22
Operator : CG/JU
Sample : L3382-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CTR-024

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.158	381	386	409	rBV	708463	1260213	33.37%	3.561%
2	6.740	647	655	684	rBV	728565	1427222	37.79%	4.032%
3	7.169	723	728	744	rBV	17481	49299	1.31%	0.139%
4	7.534	783	790	801	rBV	235604	387836	10.27%	1.096%
5	8.681	978	985	1007	rBV	449594	854800	22.63%	2.415%
6	10.304	1253	1261	1268	rBV	304418	558229	14.78%	1.577%
7	12.798	1678	1685	1701	rBV	1280814	1968253	52.12%	5.561%
8	13.098	1731	1736	1745	rVB	39254	63378	1.68%	0.179%
9	13.651	1824	1830	1839	rBV	214496	320431	8.48%	0.905%
10	14.187	1914	1921	1927	rBV	550038	832941	22.06%	2.353%
11	14.245	1927	1931	1942	rVB	83984	135054	3.58%	0.382%
12	14.592	1983	1990	1999	rBV	62141	104533	2.77%	0.295%
13	15.245	2094	2101	2107	rBV	96427	149570	3.96%	0.423%
14	15.545	2147	2152	2160	rVB	37644	61807	1.64%	0.175%
15	15.692	2162	2177	2188	rBV	1002936	1635487	43.31%	4.621%
16	16.257	2266	2273	2278	rBV4	21361	44159	1.17%	0.125%
17	16.610	2328	2333	2340	rVB	42536	69911	1.85%	0.198%
18	16.698	2341	2348	2353	rBV3	32614	70735	1.87%	0.200%
19	16.763	2353	2359	2364	rVB	43800	64040	1.70%	0.181%
20	16.945	2384	2390	2393	rBV	765361	1069004	28.31%	3.020%
21	16.986	2393	2397	2404	rVV	940475	1313539	34.78%	3.711%
22	17.081	2404	2413	2420	rVV	226336	373089	9.88%	1.054%
23	17.145	2420	2424	2431	rVB2	29124	48777	1.29%	0.138%
24	17.357	2451	2460	2465	rBV2	126896	228895	6.06%	0.647%
25	17.822	2533	2539	2543	rBV	136090	189403	5.02%	0.535%
26	17.869	2543	2547	2553	rVV	190726	275099	7.28%	0.777%
27	17.951	2556	2561	2566	rVV	79174	106916	2.83%	0.302%
28	18.010	2566	2571	2575	rVV2	162749	280413	7.42%	0.792%
29	18.045	2575	2577	2585	rVB	94528	128390	3.40%	0.363%
30	18.128	2586	2591	2594	rBV3	27209	41077	1.09%	0.116%
31	18.316	2616	2623	2627	rBV	78035	122833	3.25%	0.347%
32	18.363	2627	2631	2635	rVB	58533	78329	2.07%	0.221%
33	18.551	2659	2663	2668	rBV3	60109	77300	2.05%	0.218%
34	18.716	2686	2691	2696	rBV	70679	125329	3.32%	0.354%

LSC Area Percent Report

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Data File : BP002868.D
Acq On : 24 Jul 2020 23:22
Operator : CG/JU
Sample : L3382-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CTR-024

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

35	18.786	2697	2703	2706	rBV5	57668	103328	2.74%	0.292%
36	18.857	2711	2715	2723	rVB5	59539	115594	3.06%	0.327%
37	18.975	2729	2735	2743	rBV	1036784	1317449	34.88%	3.722%
38	19.075	2749	2752	2757	rVB2	36612	45536	1.21%	0.129%
39	19.222	2772	2777	2781	rVB2	384693	429795	11.38%	1.214%
40	19.328	2786	2795	2800	rBV2	783769	1344774	35.61%	3.800%
41	19.404	2804	2808	2810	rVV	67566	99718	2.64%	0.282%
42	19.428	2810	2812	2816	rVB	107938	115393	3.06%	0.326%
43	19.533	2821	2830	2834	rBV	2856188	3776618	100.00%	10.670%
44	19.569	2834	2836	2843	rVB	74826	93395	2.47%	0.264%
45	19.645	2844	2849	2856	rBV3	80730	192598	5.10%	0.544%
46	19.780	2867	2872	2874	rBV3	74029	115386	3.06%	0.326%
47	19.816	2875	2878	2882	rVB2	144128	187051	4.95%	0.528%
48	19.886	2887	2890	2893	rBV2	97317	130169	3.45%	0.368%
49	19.969	2898	2904	2908	rBV2	119519	202540	5.36%	0.572%
50	20.104	2923	2927	2931	rVB	56338	68095	1.80%	0.192%
51	20.151	2931	2935	2939	rBV2	65444	93600	2.48%	0.264%
52	20.210	2940	2945	2946	rBV	229568	304330	8.06%	0.860%
53	20.510	2993	2996	2999	rBV4	37594	54725	1.45%	0.155%
54	20.551	2999	3003	3009	rVB	136062	184470	4.88%	0.521%
55	20.704	3022	3029	3032	rBV3	103579	218561	5.79%	0.618%
56	20.739	3032	3035	3039	rVV	110476	155194	4.11%	0.438%
57	20.786	3039	3043	3049	rVV3	435101	695330	18.41%	1.965%
58	20.839	3049	3052	3059	rVB	175753	283944	7.52%	0.802%
59	21.051	3082	3088	3092	rBV2	1537727	2445163	64.74%	6.909%
60	21.086	3092	3094	3104	rVB	516482	642258	17.01%	1.815%
61	21.222	3111	3117	3122	rBV2	129813	204134	5.41%	0.577%
62	21.363	3137	3141	3146	rVB2	92246	135103	3.58%	0.382%
63	21.592	3176	3180	3184	rVB	176828	214922	5.69%	0.607%
64	21.645	3185	3189	3195	rBV	260197	349734	9.26%	0.988%
65	21.786	3210	3213	3215	rBV	48679	60444	1.60%	0.171%
66	22.098	3262	3266	3275	rVB	295276	419172	11.10%	1.184%
67	22.586	3343	3349	3354	rBV2	699630	1339493	35.47%	3.785%
68	22.751	3374	3377	3382	rVB	75780	106982	2.83%	0.302%
69	23.045	3422	3427	3436	rVB	213954	395192	10.46%	1.117%
70	23.139	3437	3443	3450	rBV2	587735	1029091	27.25%	2.908%
71	23.233	3452	3459	3465	rBV2	1027396	1906790	50.49%	5.387%

LSC Area Percent Report

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Acq On : 24 Jul 2020 23:22
Operator : CG/JU
Sample : L3382-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CTR-024

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

72	23.774	3545	3551	3557	rVB	242913	471651	12.49%	1.333%
73	23.851	3560	3564	3576	rVB4	107407	269052	7.12%	0.760%
74	24.498	3669	3674	3682	rVB	126183	257446	6.82%	0.727%
75	25.427	3826	3832	3839	rVB	130091	302718	8.02%	0.855%

Sum of corrected areas: 35393229

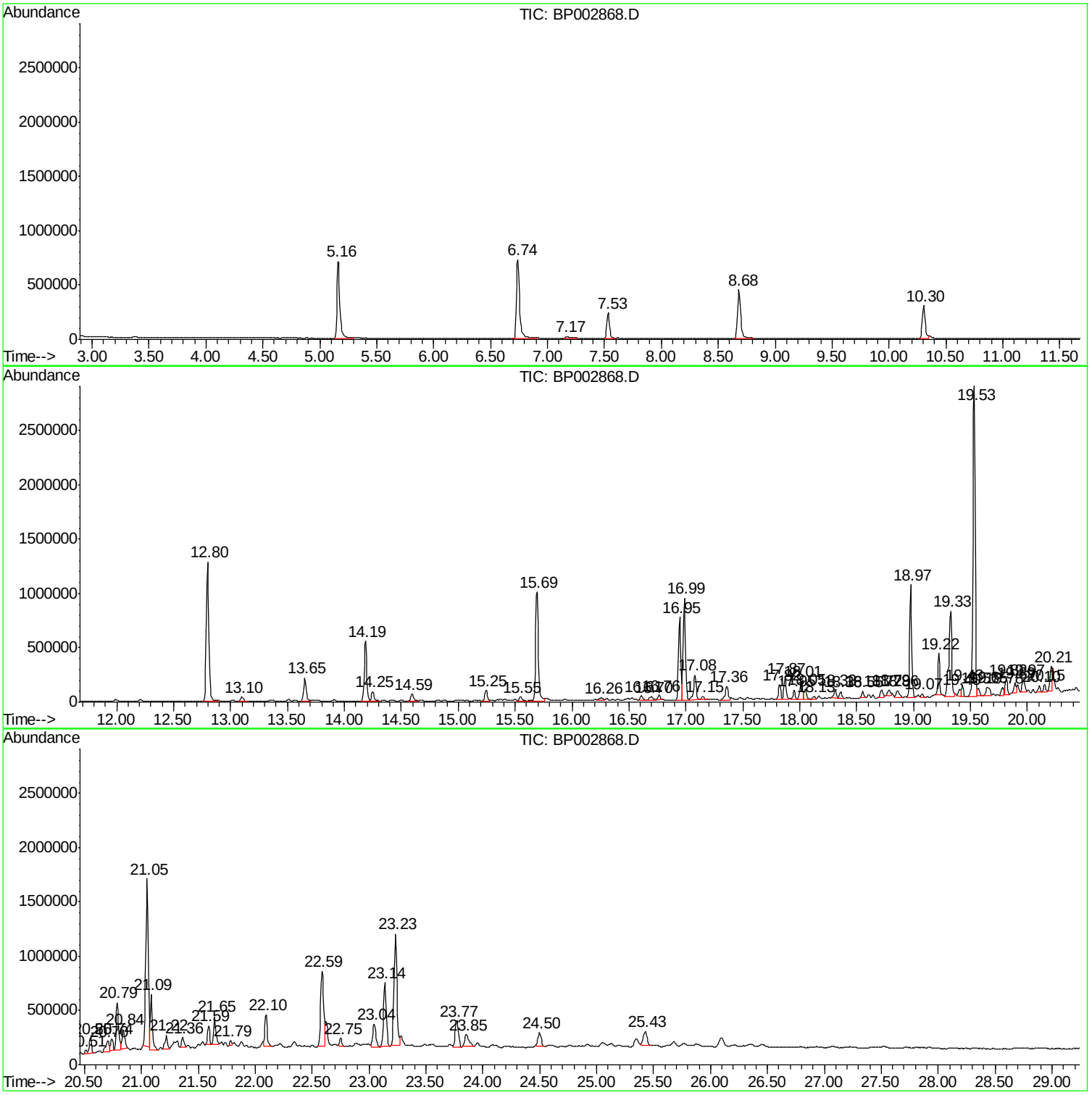
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
Data File : BP002868.D
Acq On : 24 Jul 2020 23:22
Operator : CG/JU
Sample : L3382-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CTR-024

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

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
Data File : BP002868.D
Acq On : 24 Jul 2020 23:22
Operator : CG/JU
Sample : L3382-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CTR-024

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

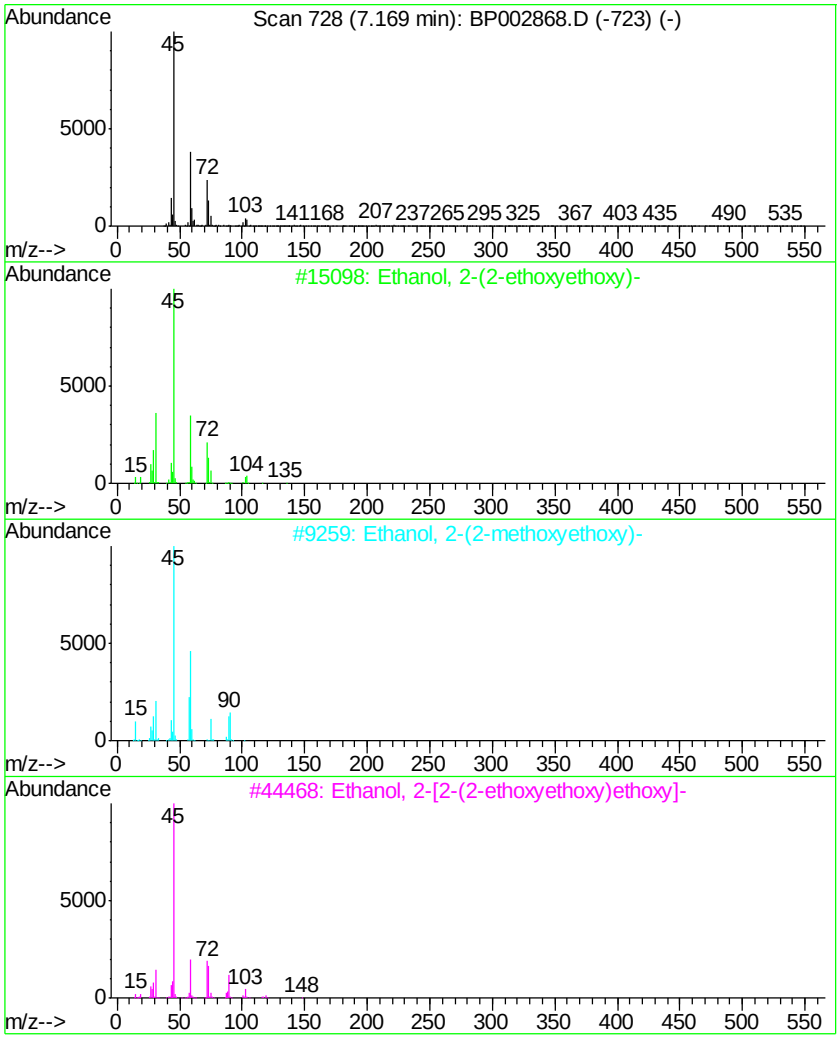
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

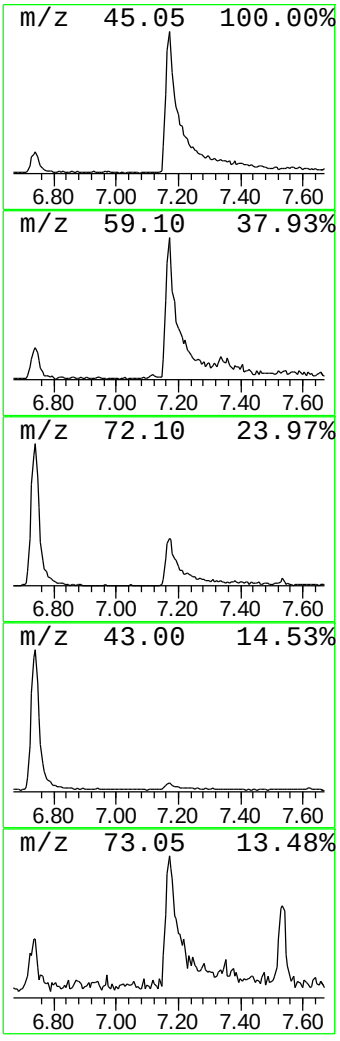
****

Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	2.54 ng	49299	1,4-Dichlorobenzene-d4	7.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	53
3	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	45
4	2-Butanol, 3-methyl-	88	C5H12O	000598-75-4	43
5	Diethyl carbitol	162	C8H18O3	000112-36-7	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
Data File : BP002868.D
Acq On : 24 Jul 2020 23:22
Operator : CG/JU
Sample : L3382-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CTR-024

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

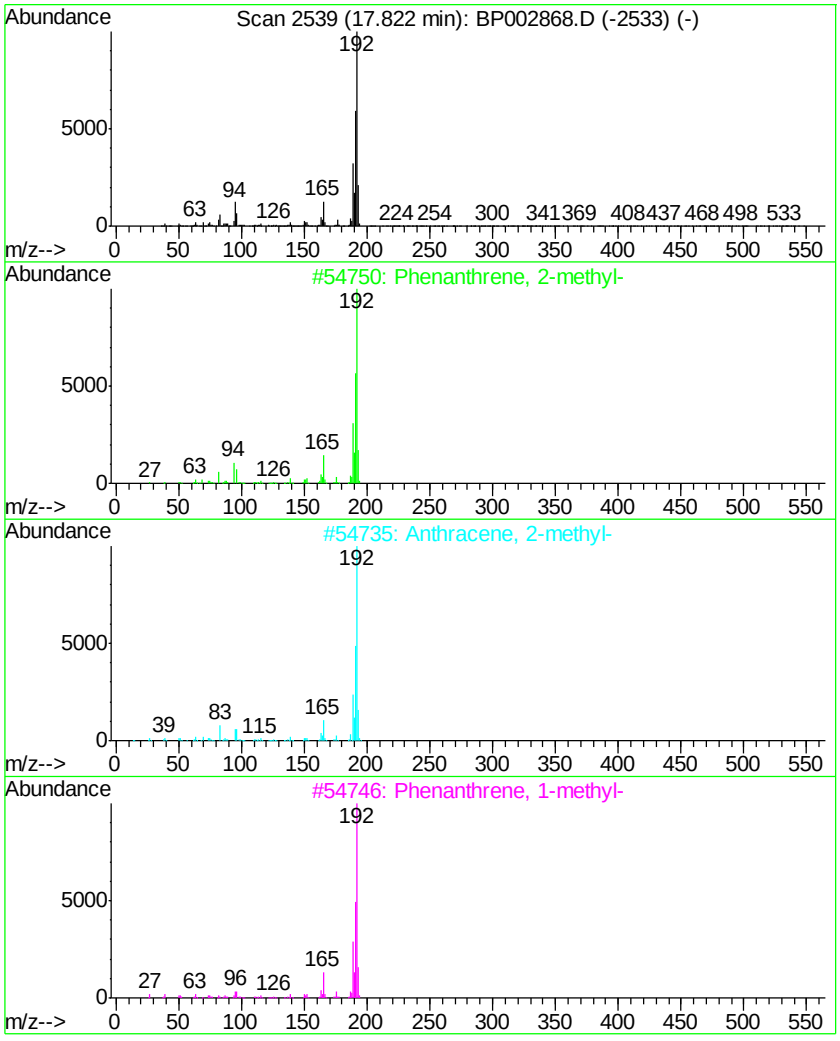
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

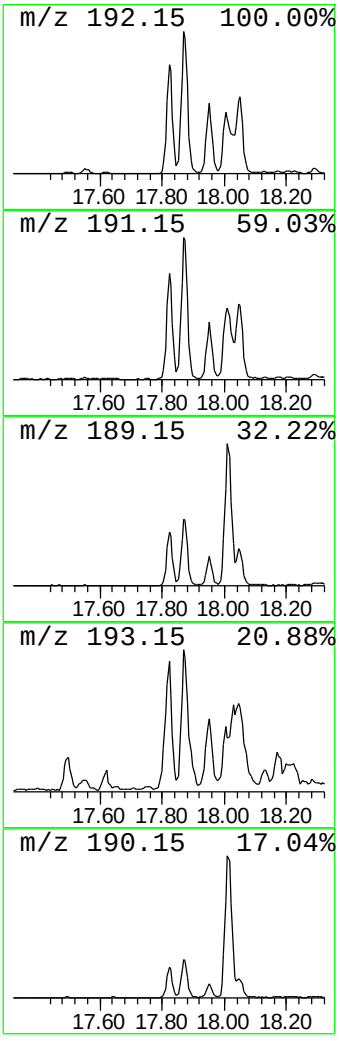
****

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	3.54 ng	189403	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	92





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
Data File : BP002868.D
Acq On : 24 Jul 2020 23:22
Operator : CG/JU
Sample : L3382-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CTR-024

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

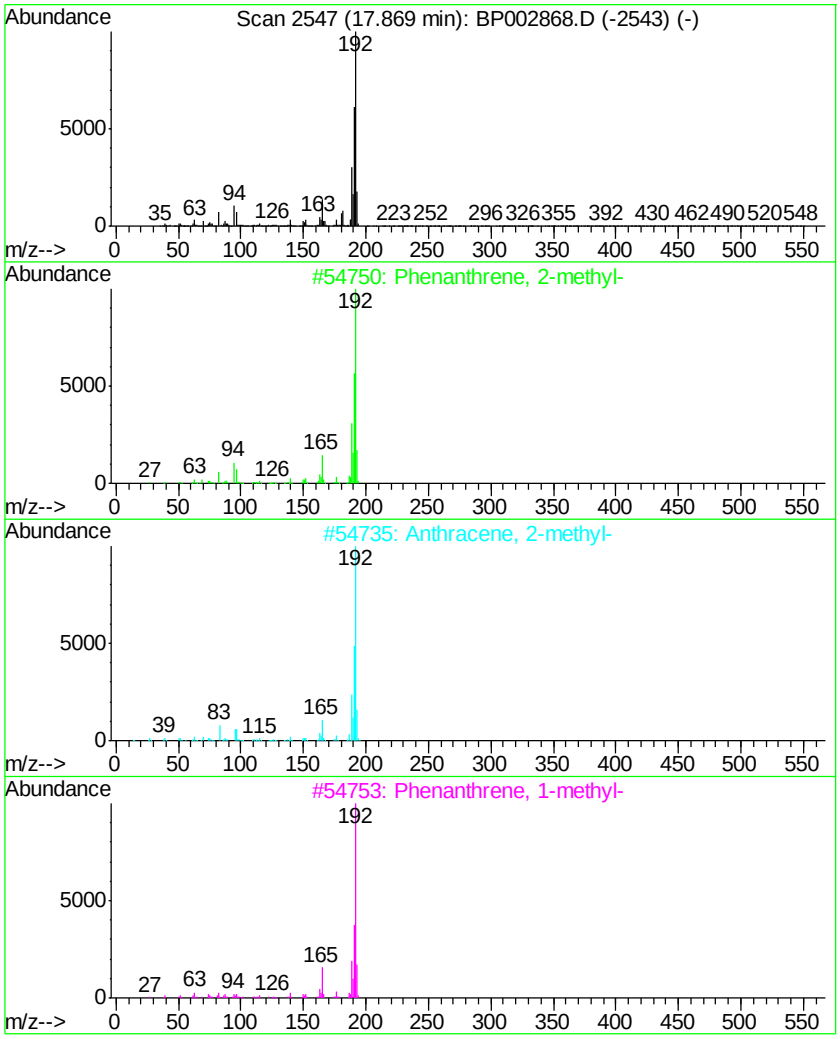
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

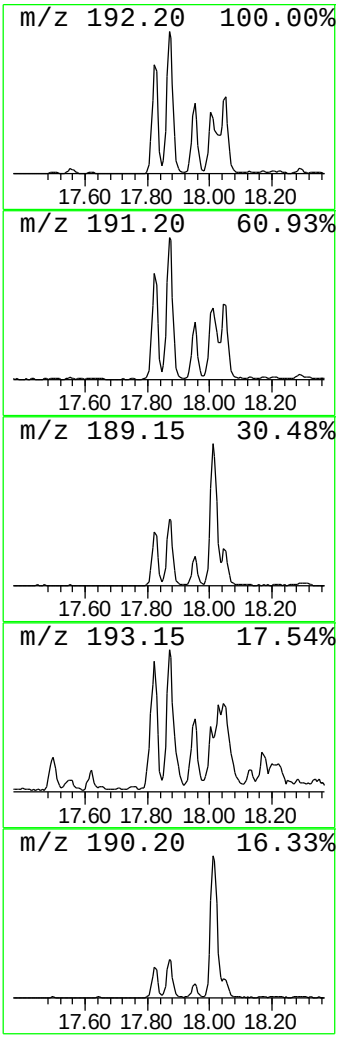
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	5.15 ng	275099	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
Data File : BP002868.D
Acq On : 24 Jul 2020 23:22
Operator : CG/JU
Sample : L3382-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CTR-024

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

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

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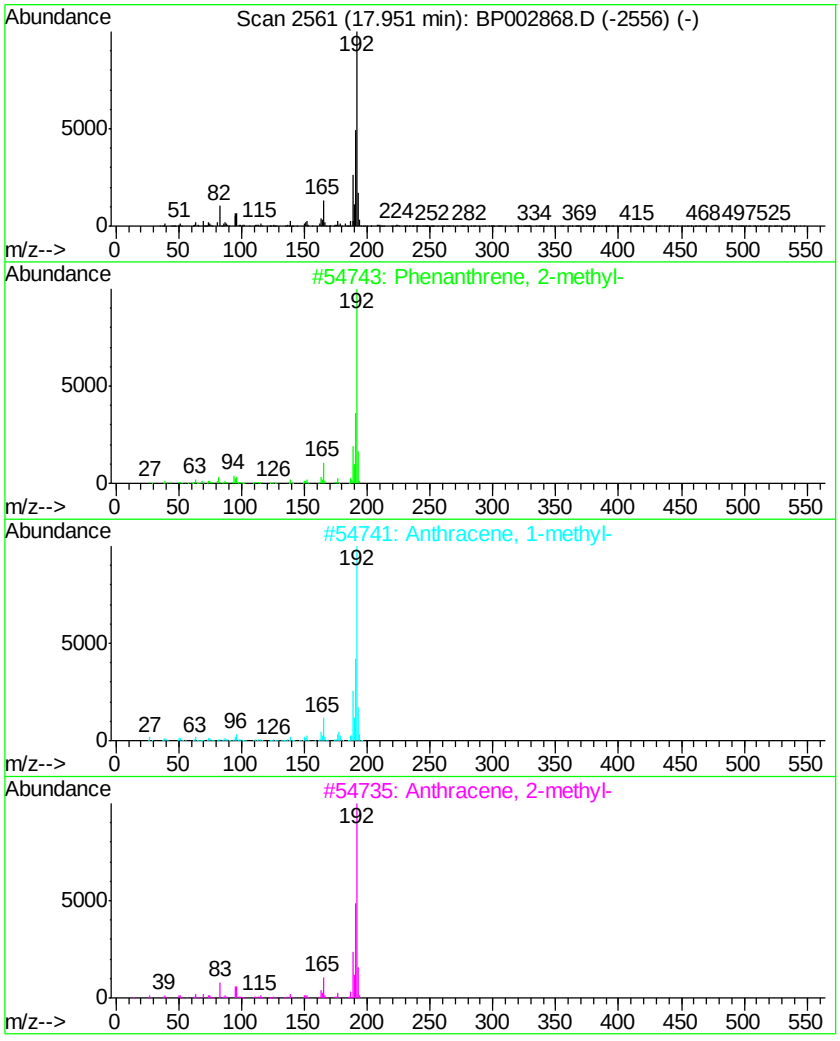
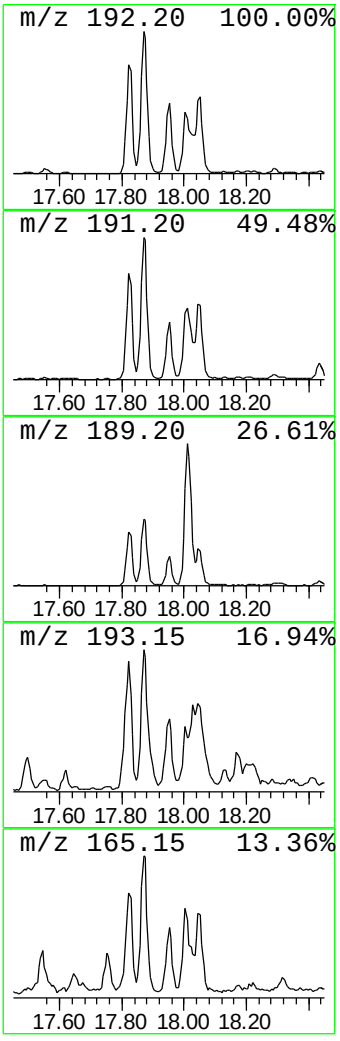
Peak Number 4 Anthracene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	2.00 ng	106916	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
Data File : BP002868.D
Acq On : 24 Jul 2020 23:22
Operator : CG/JU
Sample : L3382-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CTR-024

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

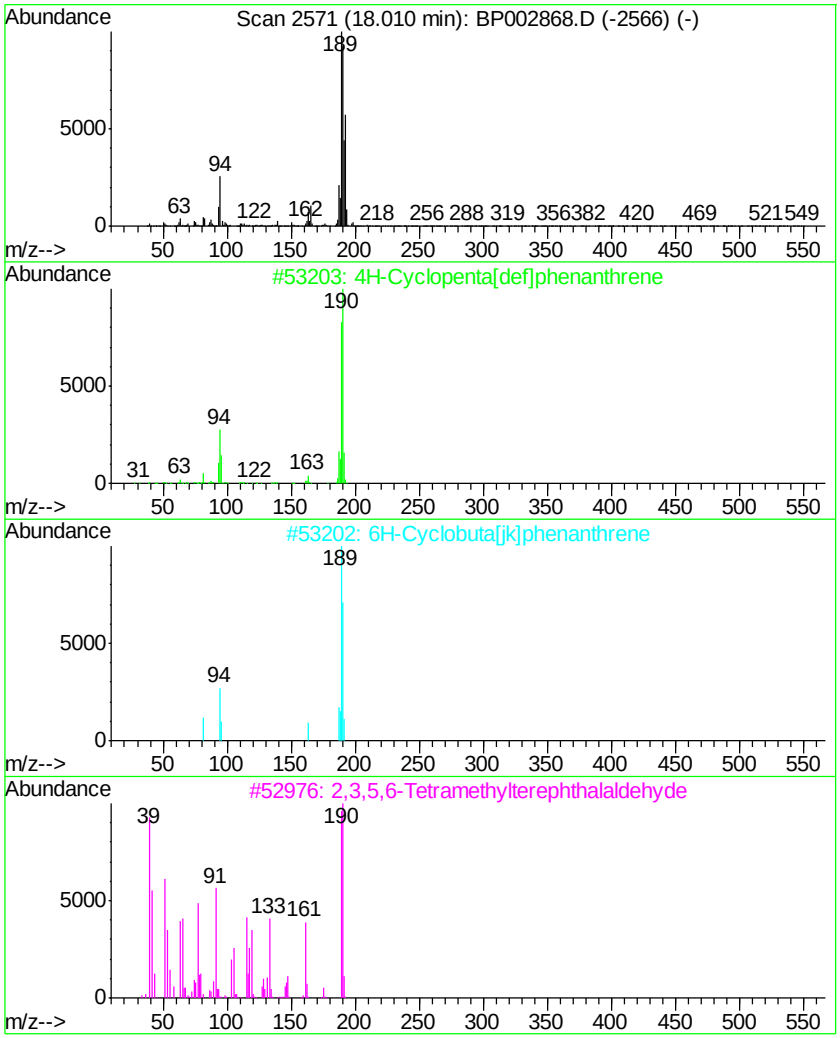
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

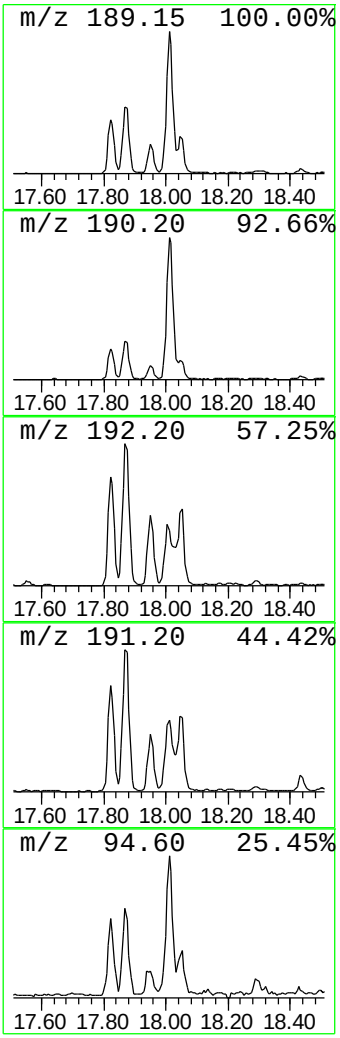
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	5.25 ng	280413	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	18





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
Data File : BP002868.D
Acq On : 24 Jul 2020 23:22
Operator : CG/JU
Sample : L3382-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CTR-024

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

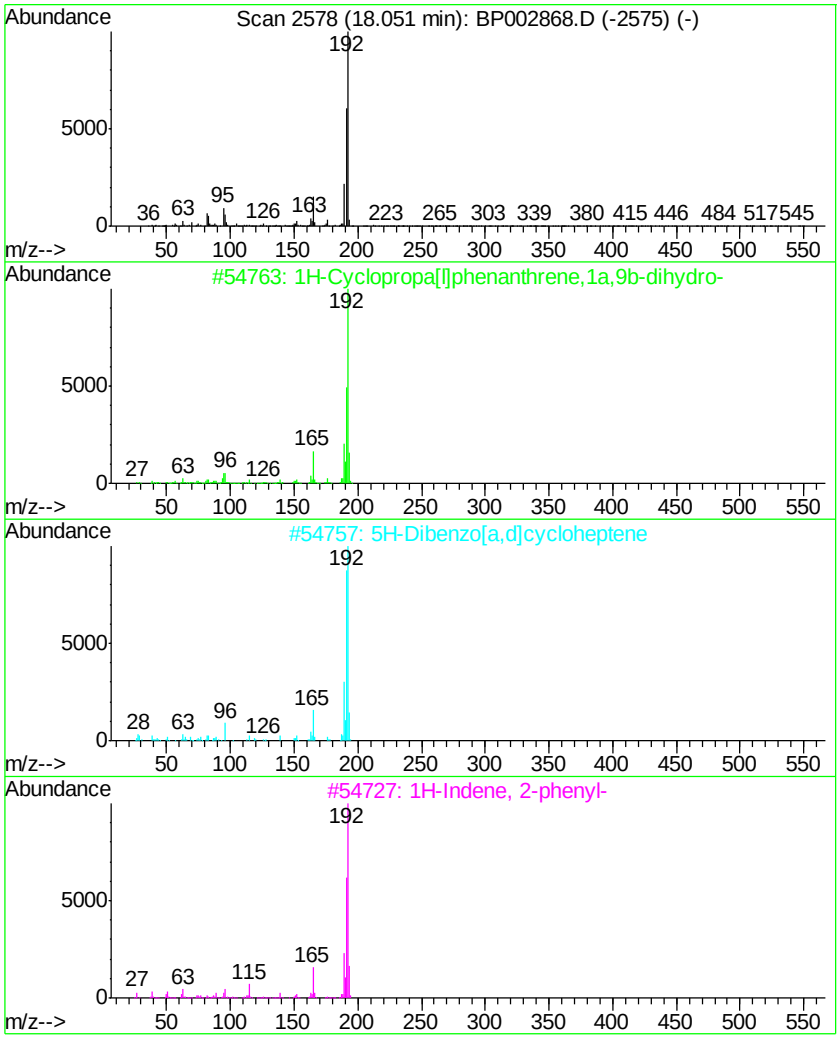
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

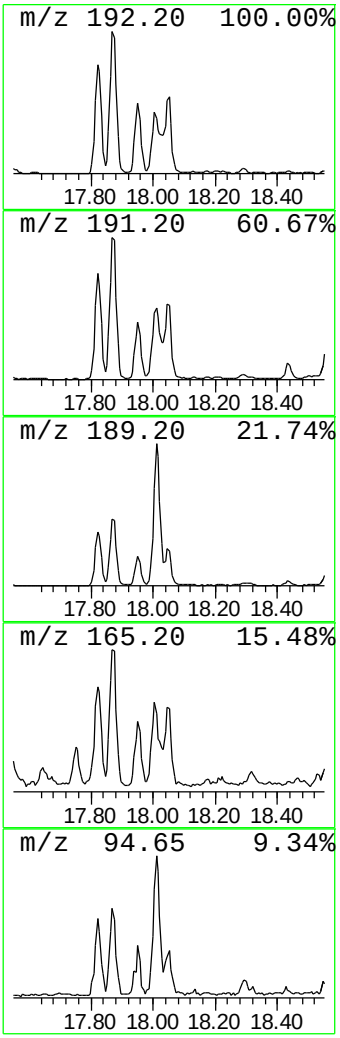
****

Peak Number 6 1H-Cyclopropa[l]phenanthren... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	2.40 ng	128390	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	81
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	81
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	74
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	74
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
Data File : BP002868.D
Acq On : 24 Jul 2020 23:22
Operator : CG/JU
Sample : L3382-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CTR-024

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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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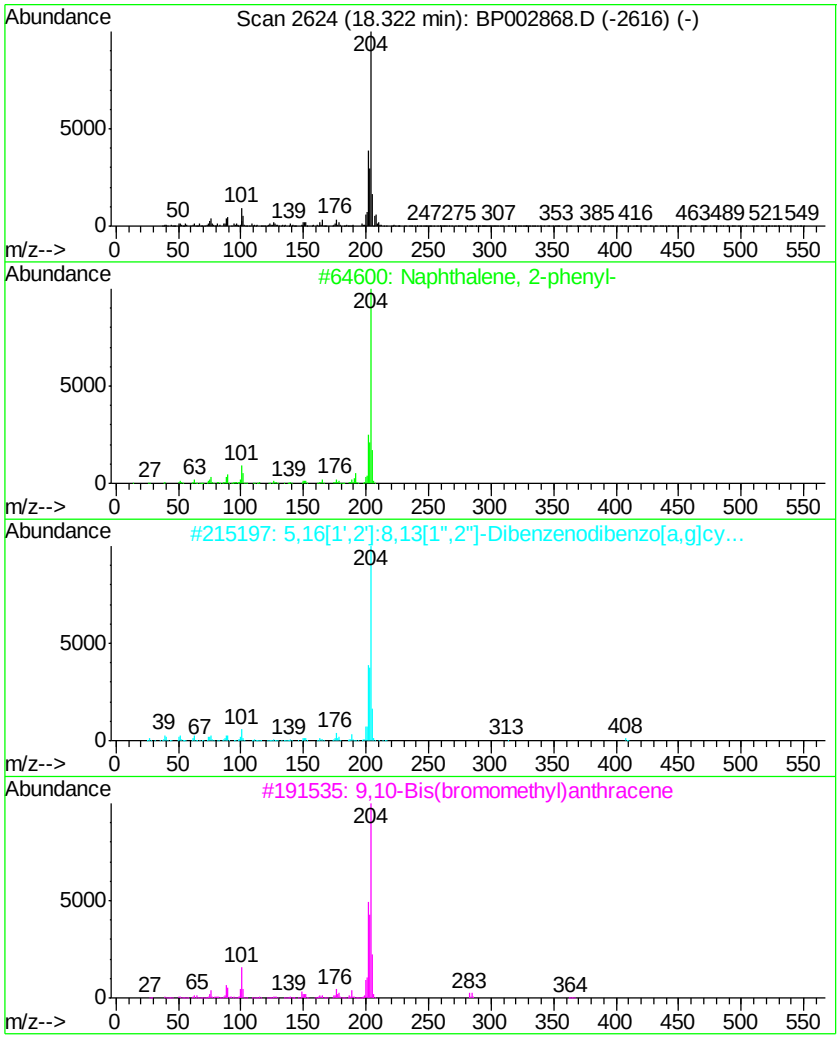
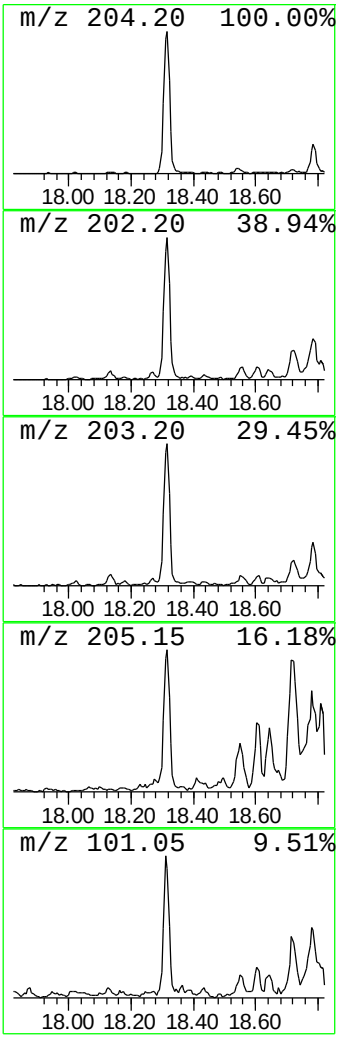
Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	2.30 ng	122833	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	64
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	47





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Acq On : 24 Jul 2020 23:22
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Sample : L3382-21
Misc :
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Instrument : BNA_P
ClientSampleId : CTR-024

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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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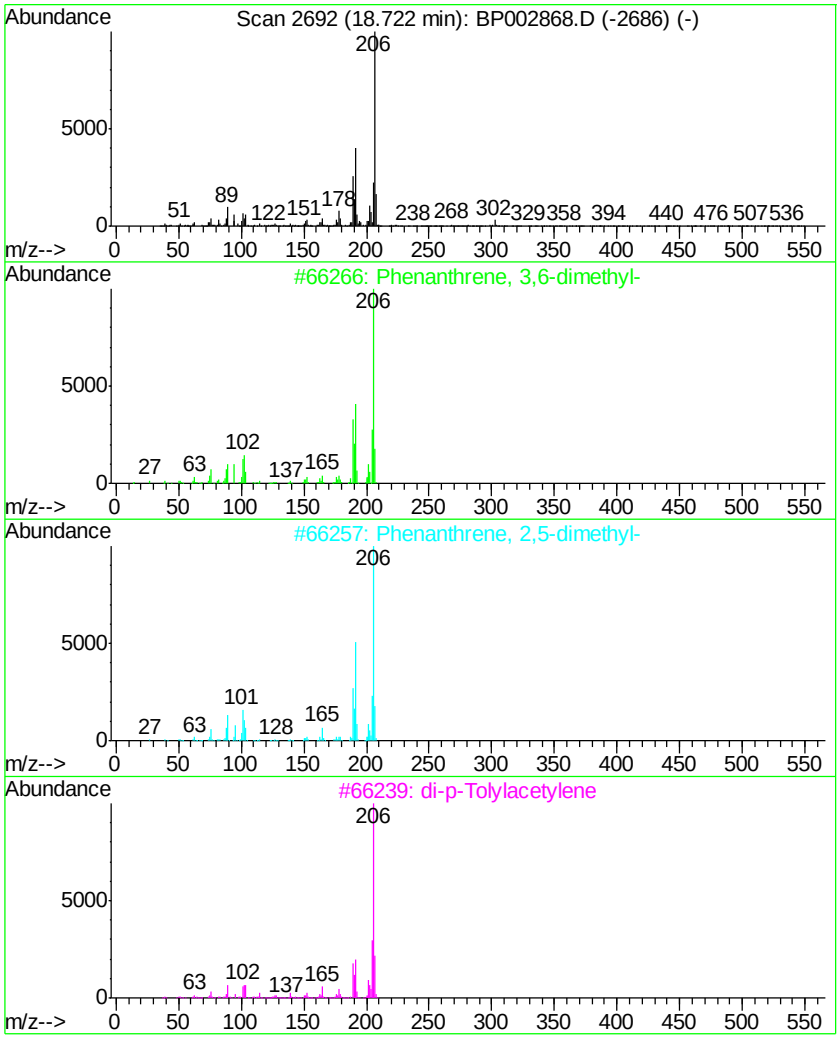
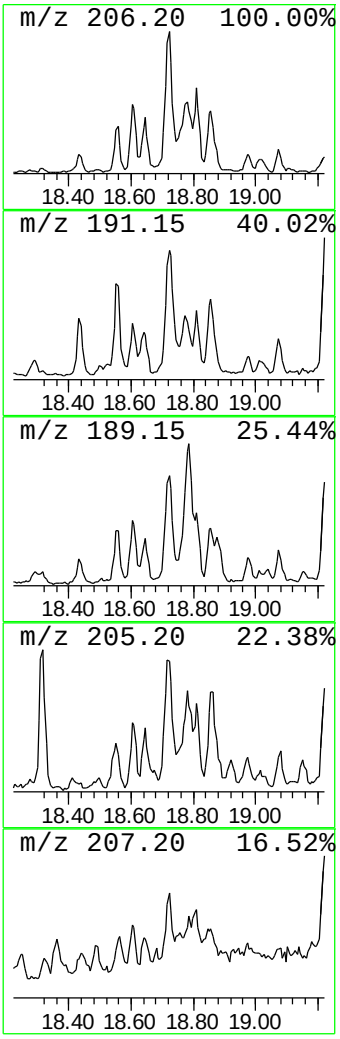
Peak Number 8 Phenanthrene, 3,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	2.34 ng	125329	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90





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ClientSampleId : CTR-024

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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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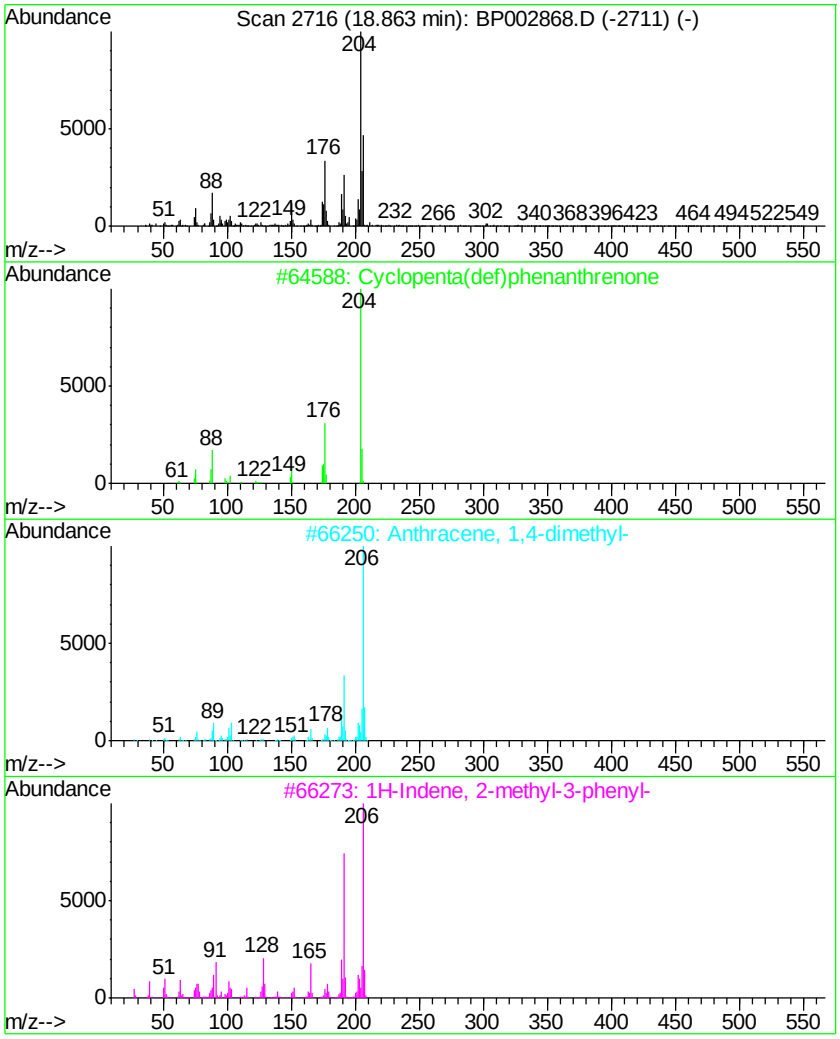
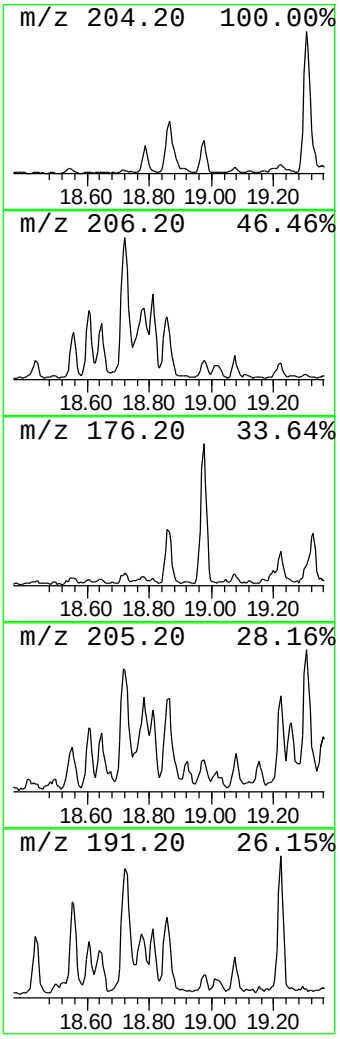
Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	2.16 ng	115594	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	84
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	41
3	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	38
4	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	35
5	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	35





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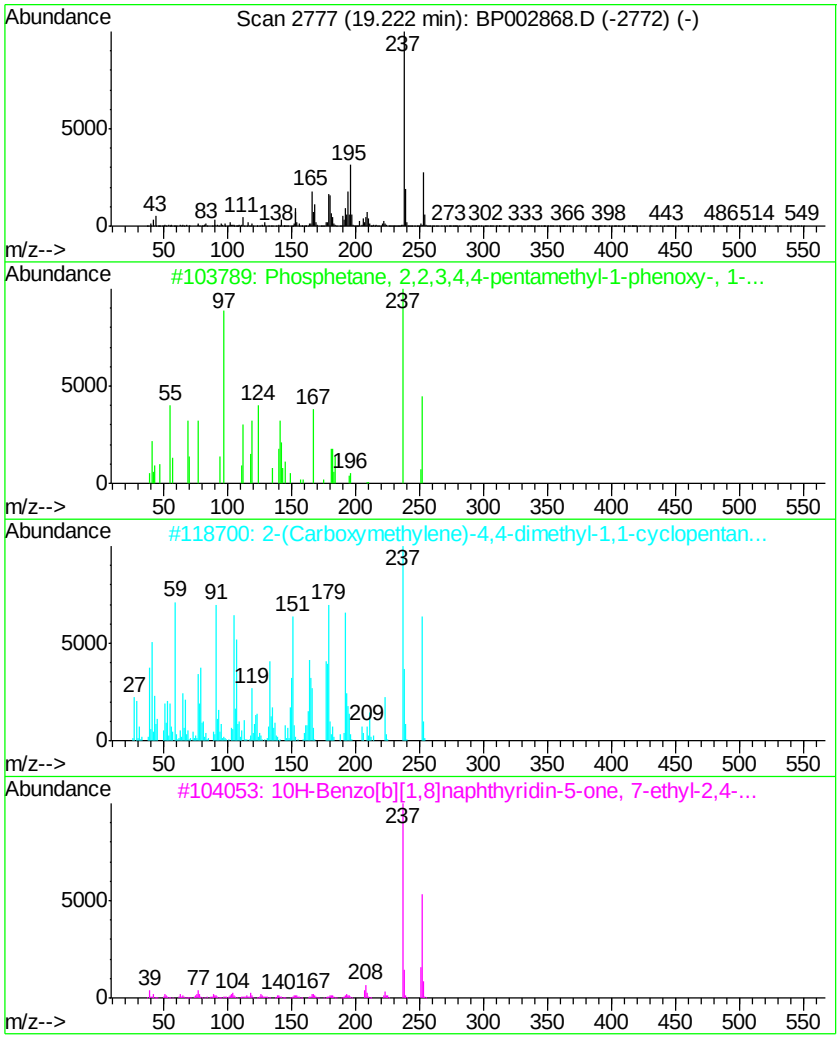
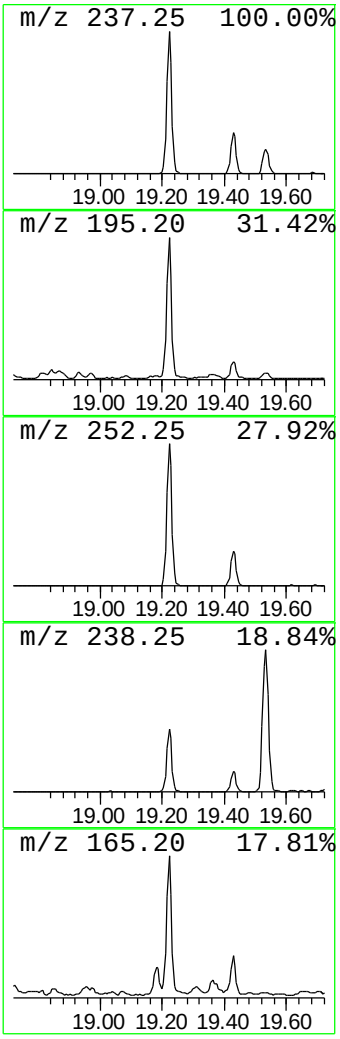
Peak Number 10 Phosphetane, 2,2,3,4,4-pent... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.22	3.52 ng	429795	Chrysene-d12	21.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphetane, 2,2,3,4,4-pentameth...	252	C14H21O2P	050517-26-5	87
2	2-(Carboxymethylene)-4,4-dimethy...	270	C13H18O6	180691-11-6	68
3	10H-Benzo[b][1,8]naphthyridin-5-...	252	C16H16N2O	1000302-05-2	59
4	4,4'-Diacetyldiphenylmethane	252	C17H16O2	000790-82-9	52
5	Thiophene, 2-(trimethylsilyl)-5-...	252	C12H20SSi2	1000142-86-0	52





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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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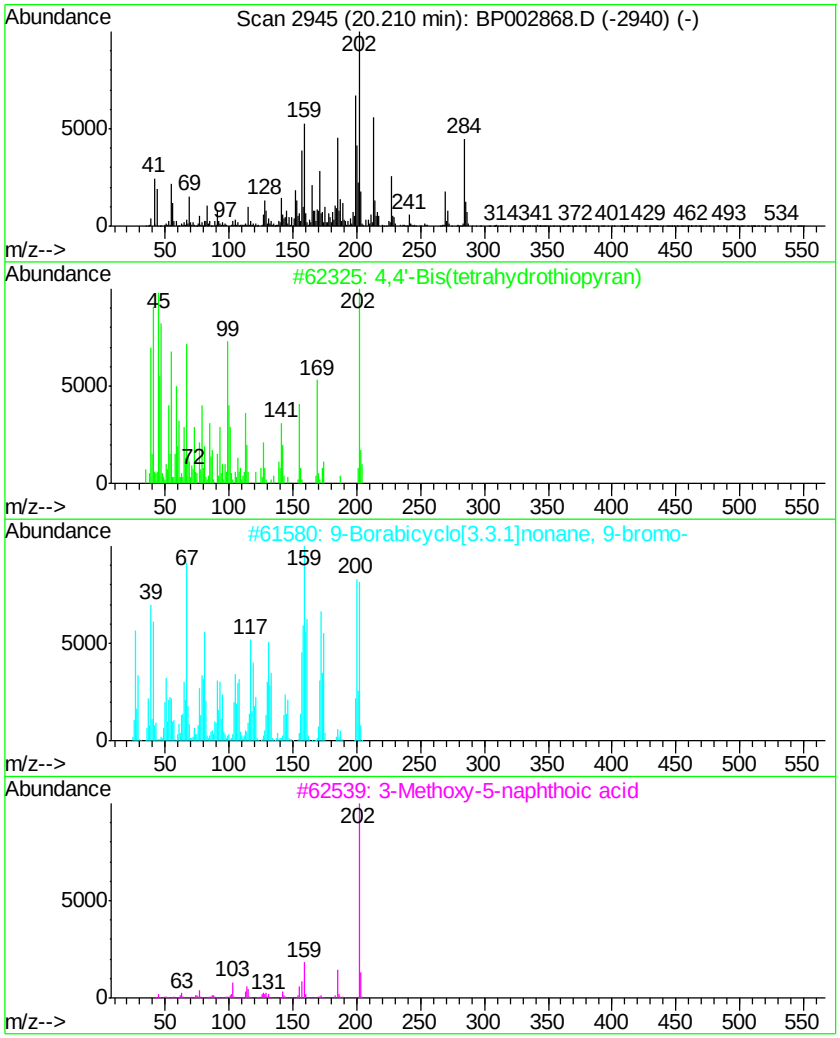
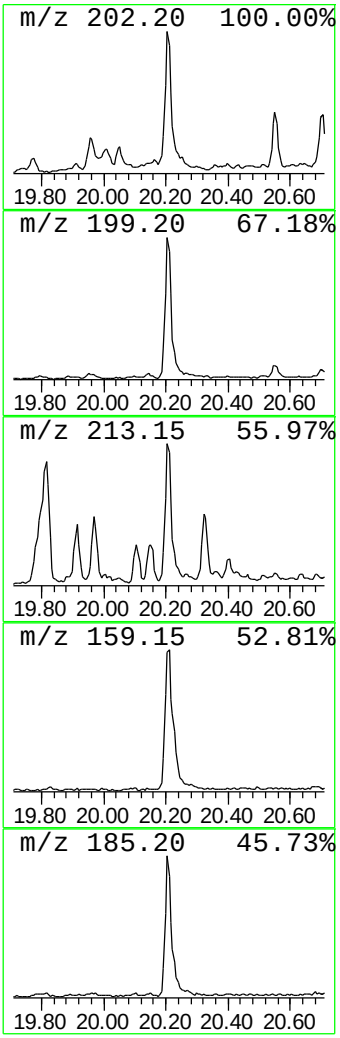
Peak Number 11 4,4'-Bis(tetrahydrothiopyran) Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.21	2.49 ng	304330	Chrysene-d12	21.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	91
2	9-Borabicyclo[3.3.1]nonane, 9-br...	200	C8H14BBr	022086-45-9	90
3	3-Methoxy-5-naphthoic acid	202	C12H10O3	007498-58-0	46
4	Podocarpa-6,8,11,13-tetraen-12-o...	326	C22H30O2	022160-86-7	35
5	[1,2,5]-Oxadiazolo[3,4-a]cinnoli...	202	C10H10N4O	1000260-59-4	20





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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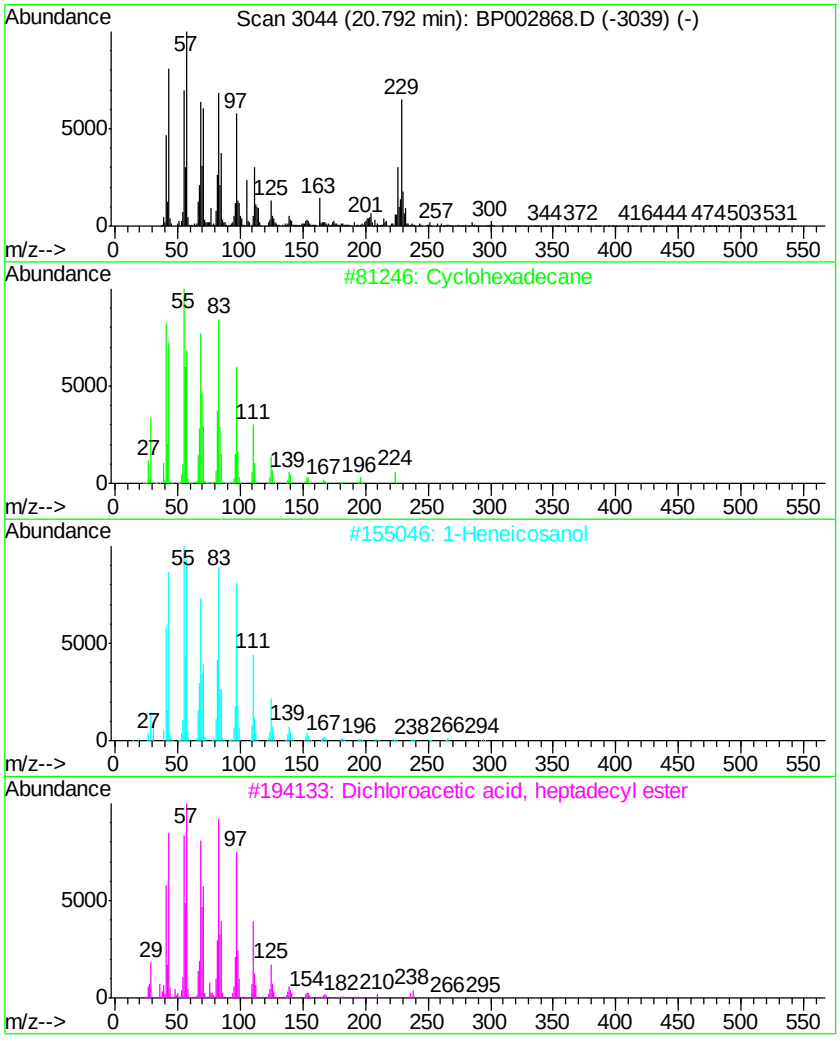
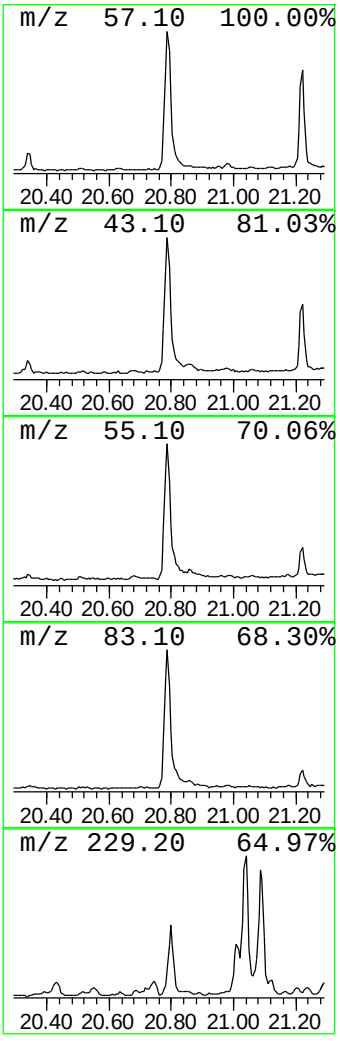
Peak Number 12 Cyclohexadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	5.69 ng	695330	Chrysene-d12	21.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	86
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	81
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	81
5	Trihexadecyl borate	735	C48H99BO3	002665-11-4	78





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ClientSampleId : CTR-024

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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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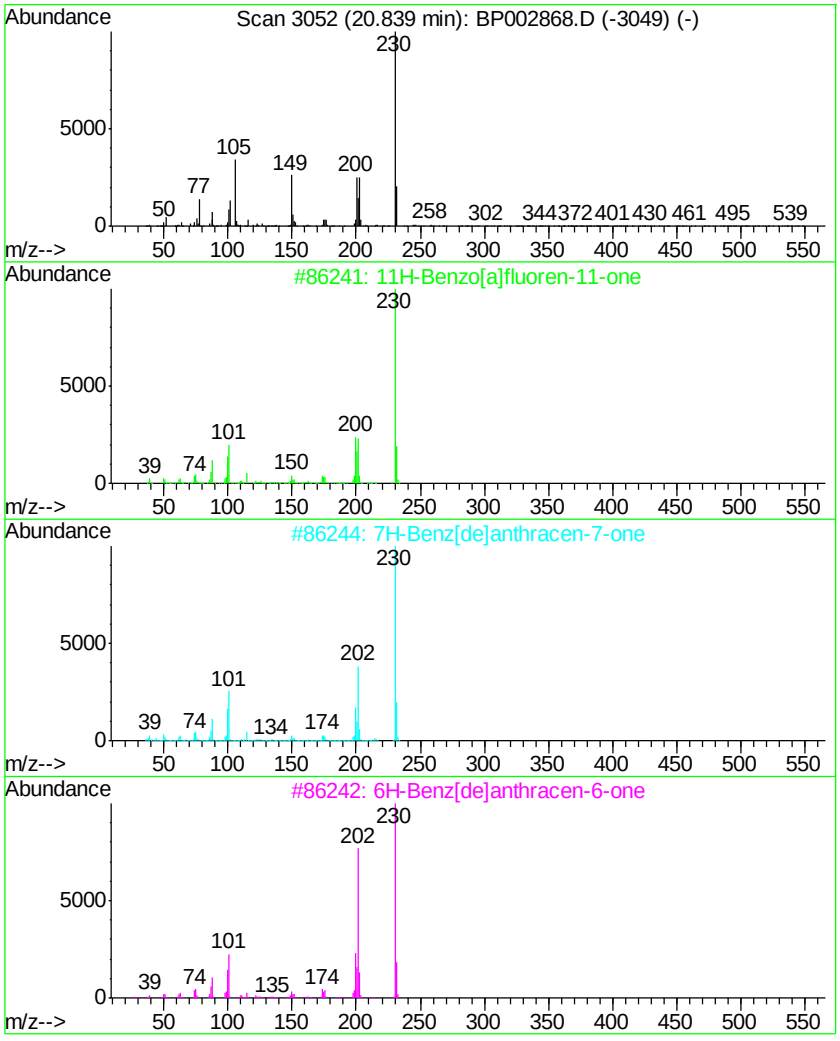
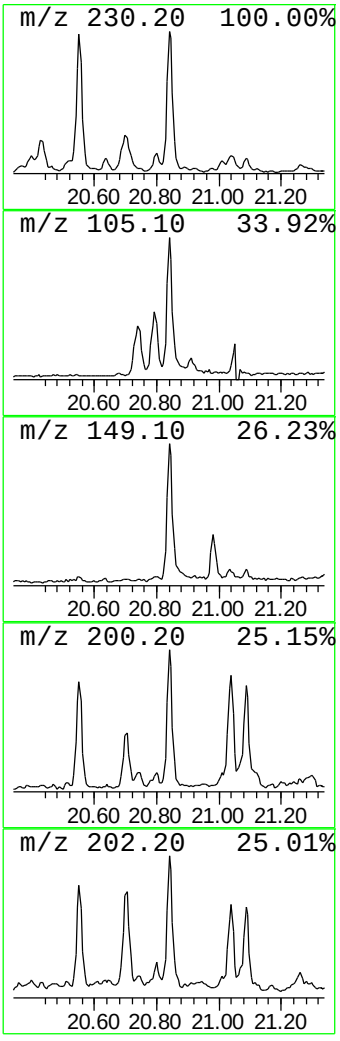
Peak Number 13 11H-Benzo[a]fluoren-11-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	2.32 ng	283944	Chrysene-d12	21.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	62
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	50
4	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	47
5	5,6-Dihydrochrysene	230	C18H14	002091-92-1	43





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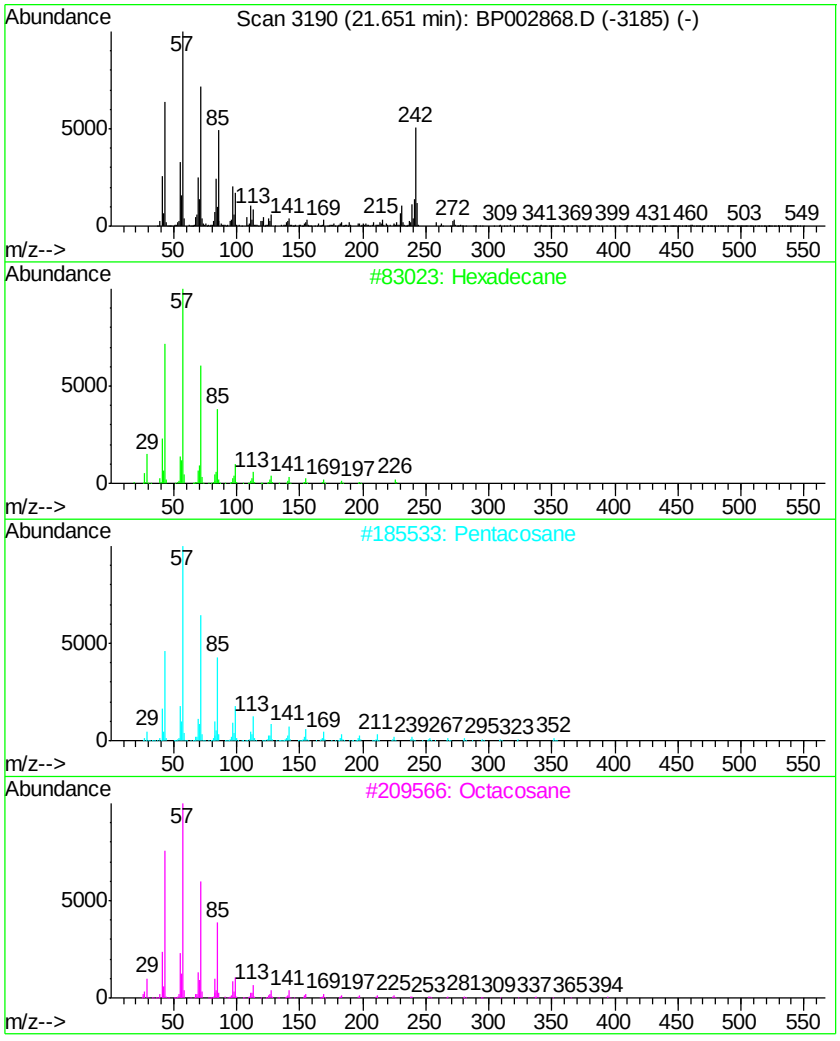
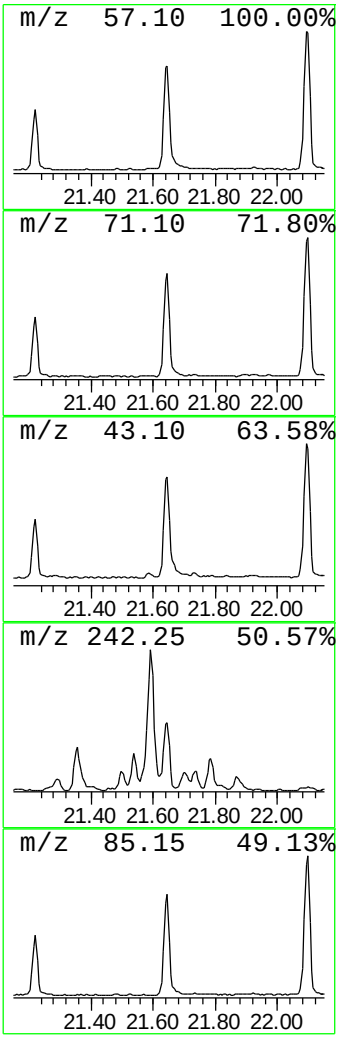
Peak Number 14 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.65	2.86 ng	349734	Chrysene-d12	21.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Pentacosane	352	C25H52	000629-99-2	60
3	Octacosane	394	C28H58	000630-02-4	60
4	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	60
5	Heptadecane	240	C17H36	000629-78-7	55





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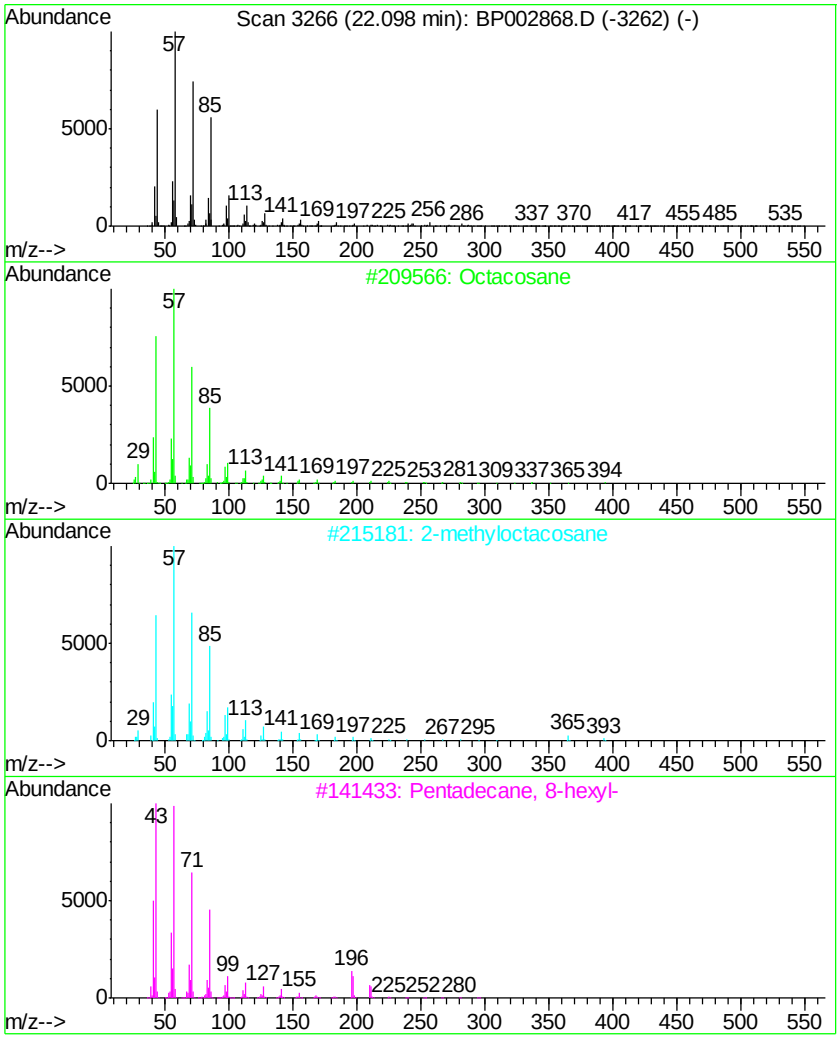
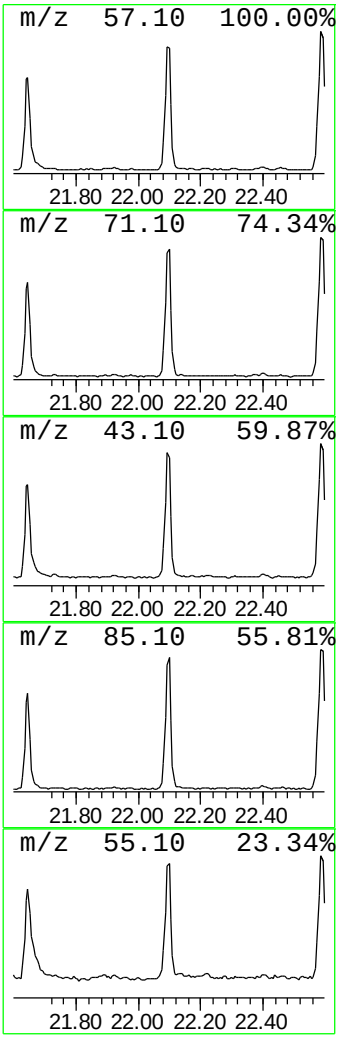
Peak Number 15 Octacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.10	3.43 ng	419172	Chrysene-d12	21.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
4	Heptacosane	380	C27H56	000593-49-7	87
5	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	87





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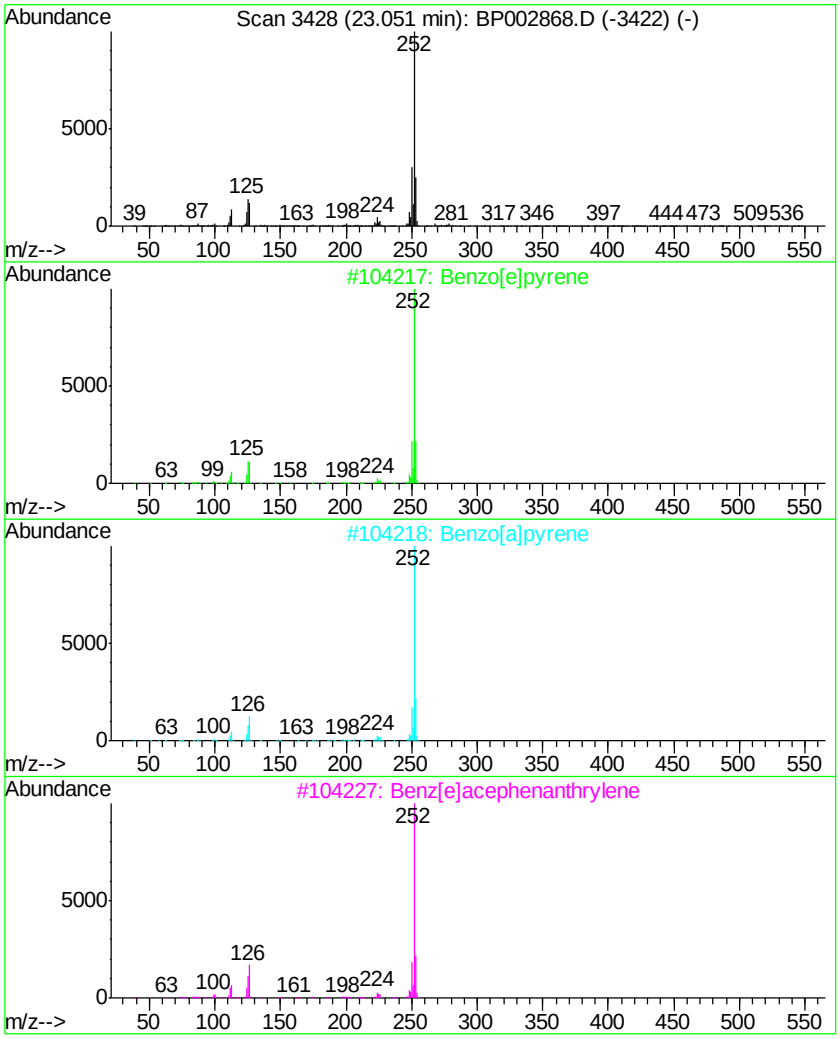
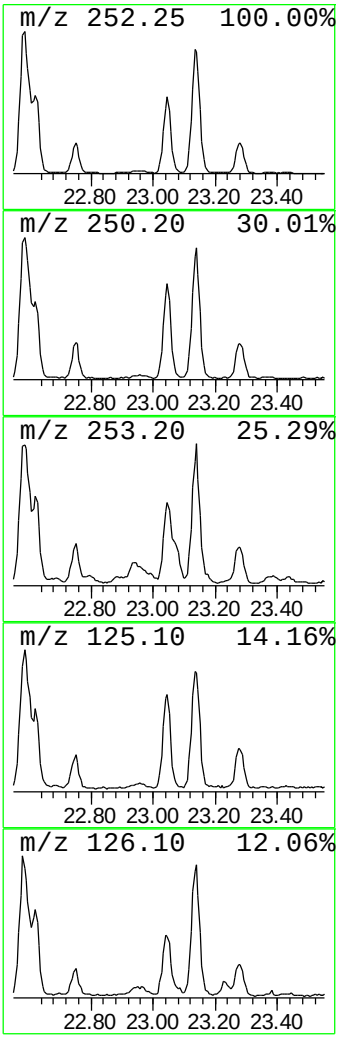
Peak Number 16 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.05	4.15 ng	395192	Perylene-d12	23.23

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	97
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





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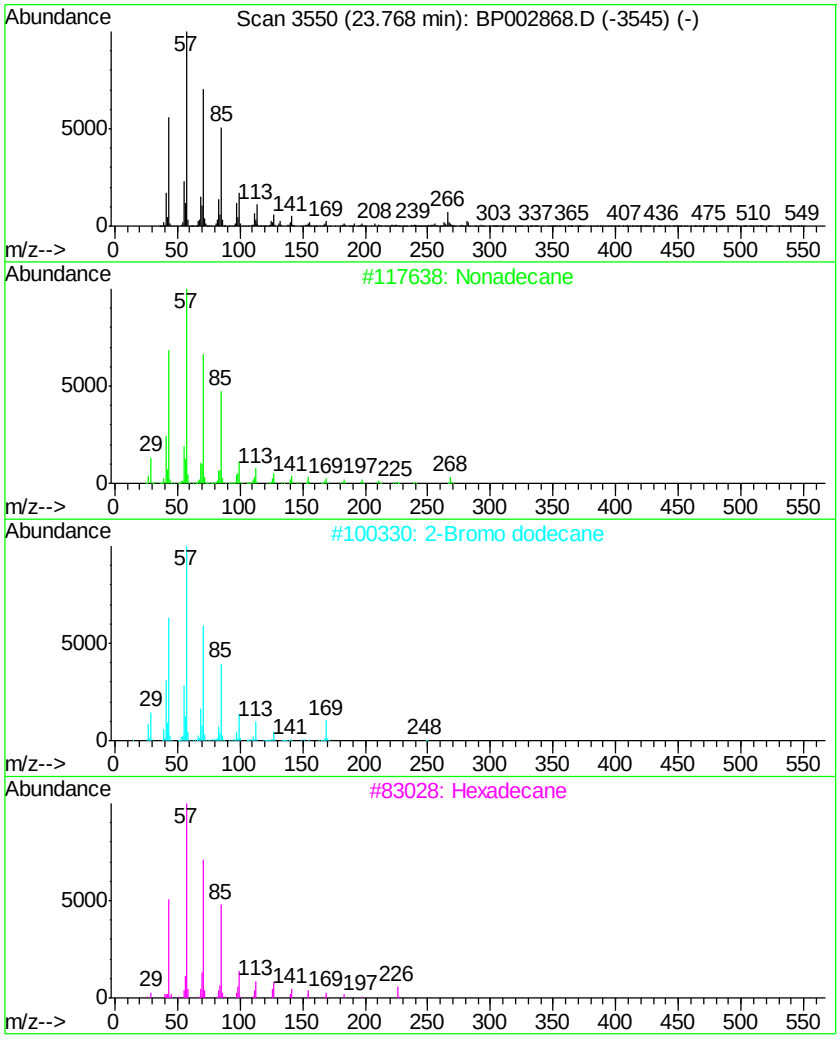
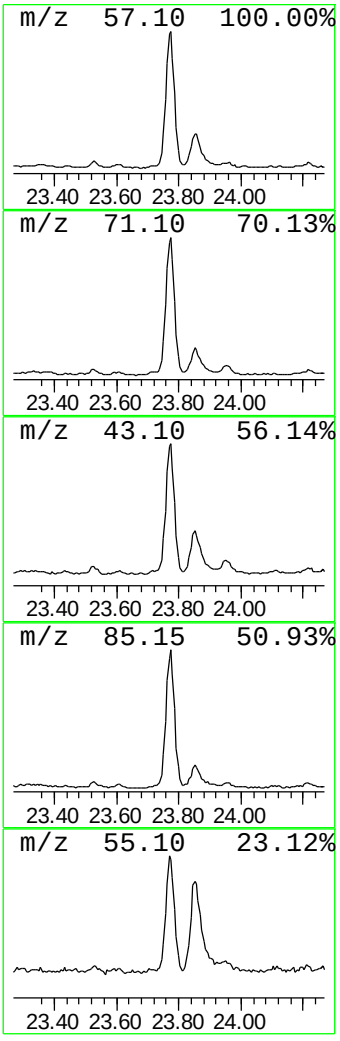
Peak Number 17 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.77	4.95 ng	471651	Perylene-d12	23.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Hexacosane	366	C26H54	000630-01-3	90
5	Heneicosane	296	C21H44	000629-94-7	90





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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CTR-024

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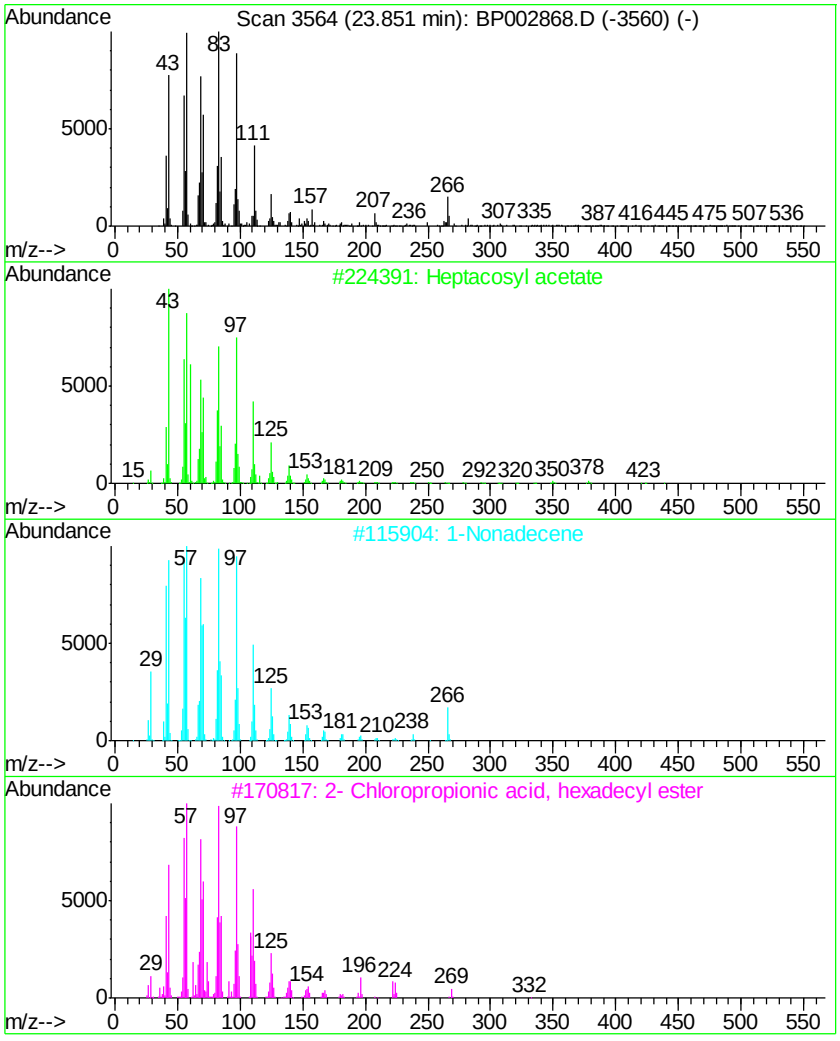
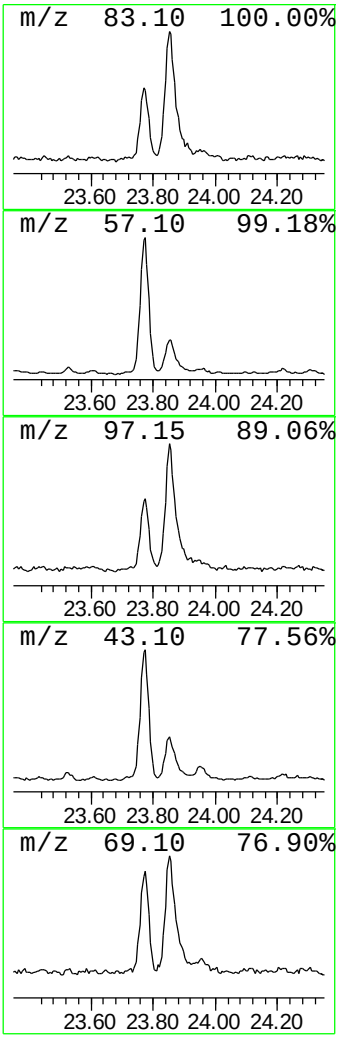
Peak Number 18 Heptacosyl acetate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.85	2.82 ng	269052	Perylene-d12	23.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosyl acetate	438	C29H58O2	1000351-78-2	95
2	1-Nonadecene	266	C19H38	018435-45-5	94
3	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	91
4	Triacontyl acetate	480	C32H64O2	041755-58-2	84
5	Octacosyl acetate	452	C30H60O2	018206-97-8	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
Data File : BP002868.D
Acq On : 24 Jul 2020 23:22
Operator : CG/JU
Sample : L3382-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CTR-024

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

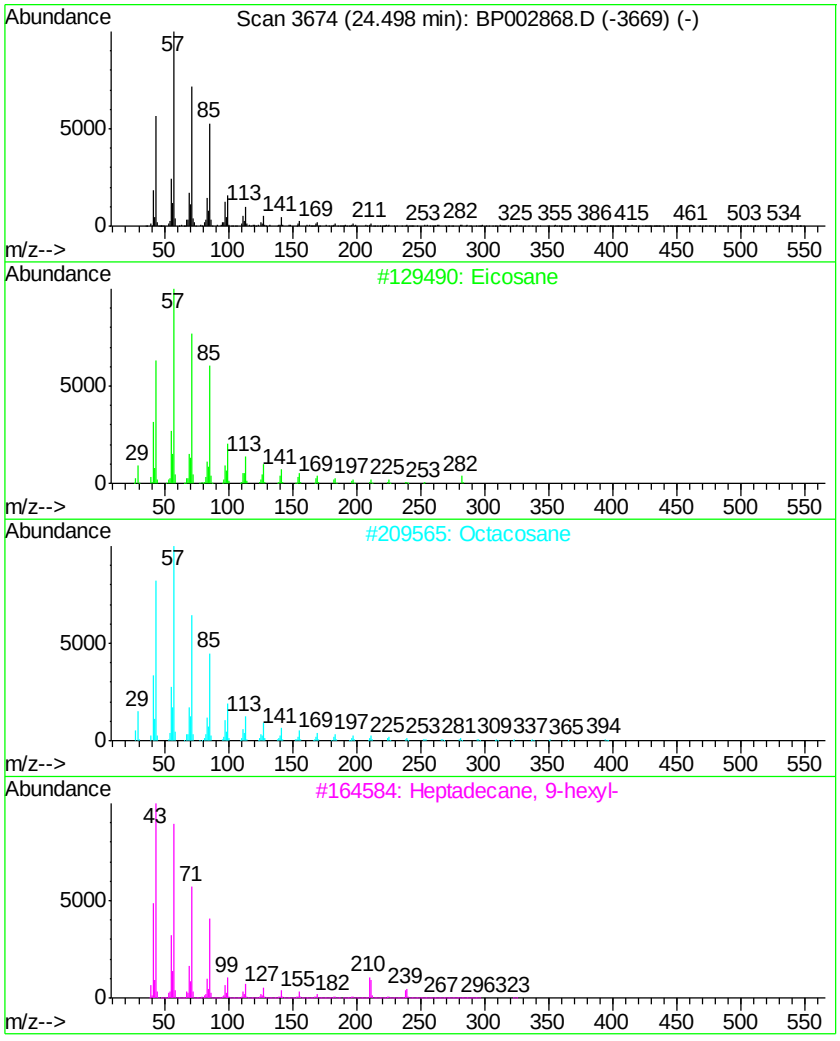
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

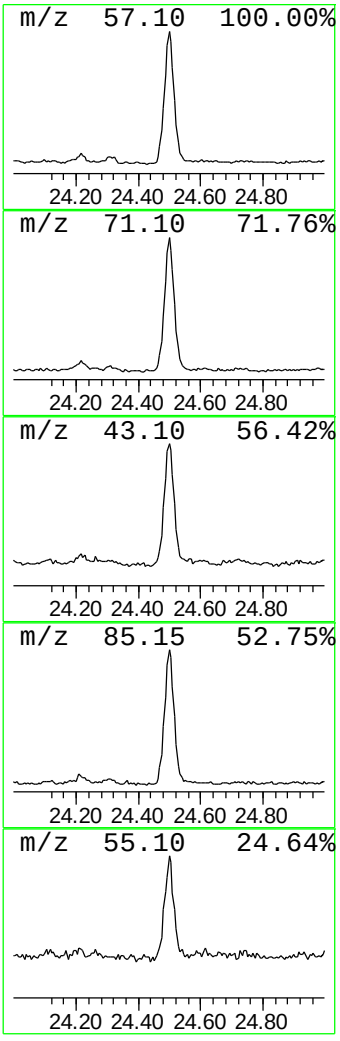
****

Peak Number 19 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.50	2.70 ng	257446	Perylene-d12	23.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Octacosane	394	C28H58	000630-02-4	95
3	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	94
4	Heneicosane	296	C21H44	000629-94-7	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP072420\
Data File : BP002868.D
Acq On : 24 Jul 2020 23:22
Operator : CG/JU
Sample : L3382-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CTR-024

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 2-(2-eth...	7.17	2.5	ng	49299	1	7.53	387836	20.0
Phenanthrene, 2-m...	17.82	3.5	ng	189403	4	16.95	1069000	20.0
Anthracene, 2-met...	17.87	5.2	ng	275099	4	16.95	1069000	20.0
Anthracene, 1-met...	17.95	2.0	ng	106916	4	16.95	1069000	20.0
4H-Cyclopenta[def...	18.01	5.3	ng	280413	4	16.95	1069000	20.0
1H-Cyclopropa[l]p...	18.05	2.4	ng	128390	4	16.95	1069000	20.0
Naphthalene, 2-ph...	18.32	2.3	ng	122833	4	16.95	1069000	20.0
Phenanthrene, 3,6...	18.72	2.3	ng	125329	4	16.95	1069000	20.0
Cyclopenta(def)ph...	18.86	2.2	ng	115594	4	16.95	1069000	20.0
Phosphetane, 2,2,...	19.22	3.5	ng	429795	5	21.05	2445160	20.0
4,4'-Bis(tetrahyd...	20.21	2.5	ng	304330	5	21.05	2445160	20.0
Cyclohexadecane	20.79	5.7	ng	695330	5	21.05	2445160	20.0
11H-Benzo[a]fluor...	20.84	2.3	ng	283944	5	21.05	2445160	20.0
Hexadecane	21.65	2.9	ng	349734	5	21.05	2445160	20.0
Octacosane	22.10	3.4	ng	419172	5	21.05	2445160	20.0
Benzo[e]pyrene	23.05	4.2	ng	395192	6	23.23	1906790	20.0
Nonadecane	23.77	5.0	ng	471651	6	23.23	1906790	20.0
Heptacosyl acetate	23.85	2.8	ng	269052	6	23.23	1906790	20.0
Eicosane	24.50	2.7	ng	257446	6	23.23	1906790	20.0