LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
Data File : BP002755.D
Acq On : 15 Jul 2020 15:39
Operator : CG/JU
Sample : L3304-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FK-GF-02-058-A

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

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

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.711	305	310	321	rVB	31367	51585	1.39%	0.137%
2	5.175	383	389	412	rBV	1069169	1657686	44.79%	4.413%
3	6.752	650	657	675	rBV	1059712	1810161	48.91%	4.818%
4	7.552	786	793	805	rBV	553302	881464	23.82%	2.346%
5	8.699	972	988	1001	rBV	616368	1146117	30.97%	3.051%
6	10.322	1255	1264	1271	rBV	733805	1285659	34.74%	3.422%
7	11.793	1505	1514	1521	rBV	22037	43510	1.18%	0.116%
8	11.999	1541	1549	1558	rVB2	25911	61679	1.67%	0.164%
9	12.216	1581	1586	1591	rBV	24071	39115	1.06%	0.104%
10	12.393	1610	1616	1621	rBV7	15278	39663	1.07%	0.106%
11	12.816	1681	1688	1699	rBV	1614479	2467169	66.66%	6.567%
12	13.363	1776	1781	1791	rBV3	26012	67878	1.83%	0.181%
13	13.522	1803	1808	1813	rVB	43140	68480	1.85%	0.182%
14	13.575	1813	1817	1822	rBV	33261	46585	1.26%	0.124%
15	13.663	1827	1832	1839	rVV	554411	763307	20.62%	2.032%
16	13.922	1871	1876	1884	rBV2	54015	89555	2.42%	0.238%
17	14.140	1908	1913	1917	rBV	42583	58788	1.59%	0.156%
18	14.198	1917	1923	1930	rVV	1128476	1722573	46.54%	4.585%
19	14.263	1930	1934	1939	rVB	71880	102076	2.76%	0.272%
20	14.610	1985	1993	2002	rBV3	67203	142364	3.85%	0.379%
21	14.692	2003	2007	2012	rVV	31044	45594	1.23%	0.121%
22	14.834	2026	2031	2035	rBV2	33723	57423	1.55%	0.153%
23	15.034	2062	2065	2070	rVB	49813	62594	1.69%	0.167%
24	15.098	2072	2076	2083	rVB2	53907	71468	1.93%	0.190%
25	15.257	2098	2103	2109	rBV	123654	190784	5.15%	0.508%
26	15.504	2138	2145	2150	rBV5	36104	68293	1.85%	0.182%
27	15.557	2150	2154	2158	rBV	24864	38084	1.03%	0.101%
28	15.704	2173	2179	2188	rBV	1087577	1637112	44.23%	4.358%
29	15.963	2219	2223	2226	rBV2	61731	91285	2.47%	0.243%
30	15.992	2226	2228	2235	rVB	55578	60631	1.64%	0.161%
31	16.322	2280	2284	2289	rVB3	35941	58236	1.57%	0.155%
32	16.622	2332	2335	2343	rVB4	30075	47291	1.28%	0.126%
33	16.704	2346	2349	2353	rVV4	22139	40532	1.10%	0.108%
34	16.763	2355	2359	2365	rVV2	80986	193242	5.22%	0.514%

LSC Area Percent Report

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Sample : L3304-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FK-GF-02-058-A

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	16.810	2365	2367	2376	rVB	53253	79097	2.14%	0.211%
36	16.957	2387	2392	2396	rBV	1412170	1983059	53.58%	5.279%
37	16.998	2396	2399	2406	rVB	899558	1299250	35.11%	3.458%
38	17.092	2411	2415	2421	rVV	279149	388088	10.49%	1.033%
39	17.163	2423	2427	2433	rVB2	25007	49759	1.34%	0.132%
40	17.375	2459	2463	2468	rVB	55945	82204	2.22%	0.219%
41	17.498	2480	2484	2488	rBV2	70880	92725	2.51%	0.247%
42	17.545	2489	2492	2498	rVV2	37578	48529	1.31%	0.129%
43	17.675	2511	2514	2522	rVB2	33782	81127	2.19%	0.216%
44	17.839	2537	2542	2546	rBV	151298	219363	5.93%	0.584%
45	17.886	2546	2550	2556	rVV	224961	304201	8.22%	0.810%
46	17.963	2560	2563	2568	rVV	71984	104093	2.81%	0.277%
47	18.022	2568	2573	2578	rVV2	244000	449495	12.15%	1.197%
48	18.063	2578	2580	2588	rVB	129204	160497	4.34%	0.427%
49	18.181	2596	2600	2605	rBV2	80740	96642	2.61%	0.257%
50	18.328	2622	2625	2629	rBV	91804	120336	3.25%	0.320%
51	18.369	2629	2632	2638	rVB3	54901	99154	2.68%	0.264%
52	18.622	2671	2675	2679	rBV2	87527	129204	3.49%	0.344%
53	18.739	2691	2695	2699	rBV	115056	164358	4.44%	0.438%
54	18.804	2699	2706	2713	rVB6	164008	433502	11.71%	1.154%
55	18.869	2714	2717	2724	rBV3	58981	114896	3.10%	0.306%
56	18.986	2732	2737	2745	rBV	1264315	1631808	44.09%	4.344%
57	19.339	2789	2797	2807	rBV	1159177	1916773	51.79%	5.102%
58	19.551	2825	2833	2843	rVB	2789527	3700955	100.00%	9.852%
59	19.828	2877	2880	2884	rVB	217616	253827	6.86%	0.676%
60	19.875	2886	2888	2891	rBV	90837	96748	2.61%	0.258%
61	19.927	2894	2897	2901	rVB2	163044	181441	4.90%	0.483%
62	19.986	2903	2907	2910	rBV2	136186	175049	4.73%	0.466%
63	20.363	2968	2971	2975	rBV	110458	114954	3.11%	0.306%
64	20.816	3045	3048	3052	rVB	244922	275218	7.44%	0.733%
65	21.069	3085	3091	3095	rBV2	1812708	2930975	79.20%	7.802%
66	21.104	3095	3097	3107	rVB	521073	600582	16.23%	1.599%
67	22.616	3348	3354	3369	rVB2	439965	1342651	36.28%	3.574%
68	23.163	3443	3447	3455	rVB2	380566	829872	22.42%	2.209%
69	23.257	3457	3463	3468	rBV	1007848	1808956	48.88%	4.815%

Sum of corrected areas: 37567371

LSC Report - Integrated Chromatogram

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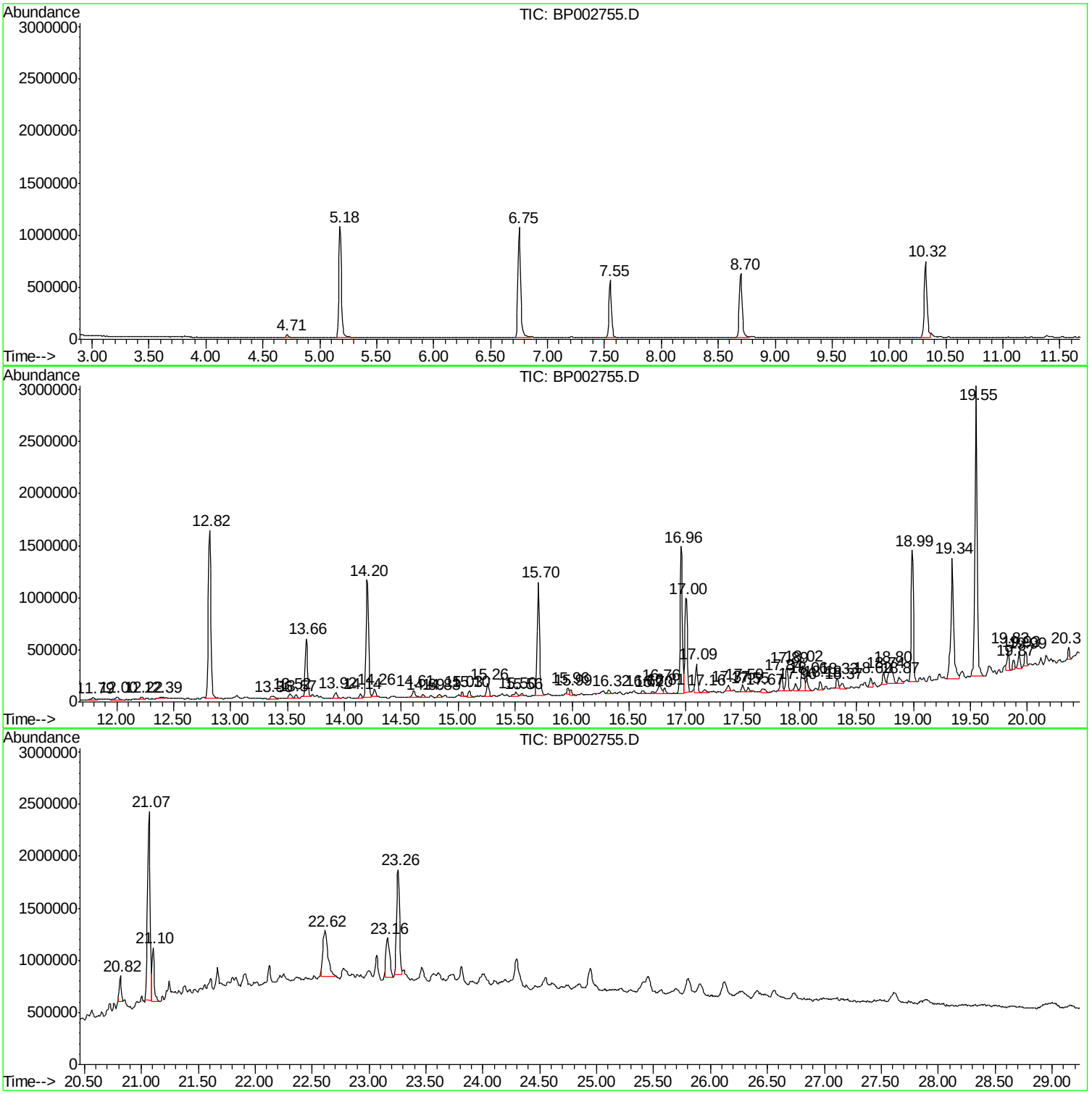
Sample : L3304-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FK-GF-02-058-A

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

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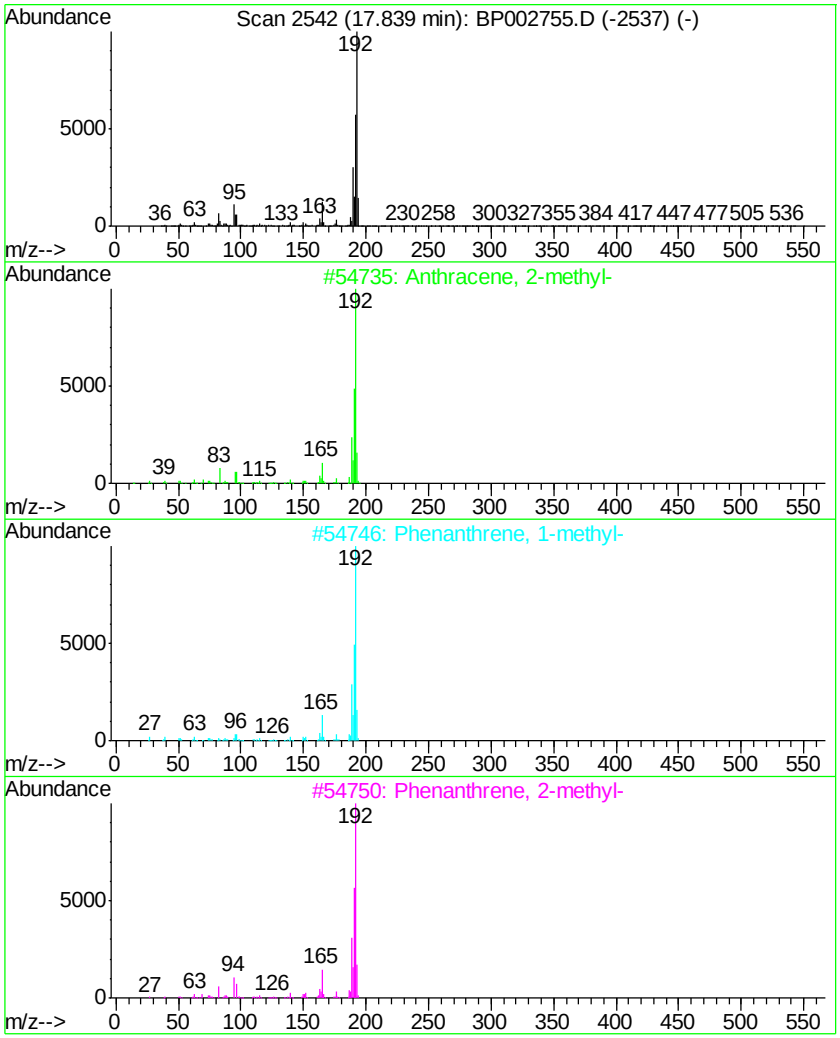
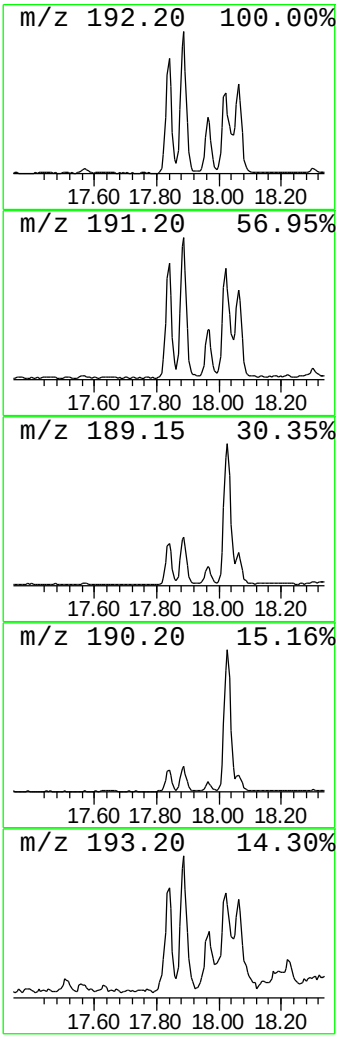
Peak Number 1 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	2.21 ng	219363	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
Data File : BP002755.D
Acq On : 15 Jul 2020 15:39
Operator : CG/JU
Sample : L3304-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FK-GF-02-058-A

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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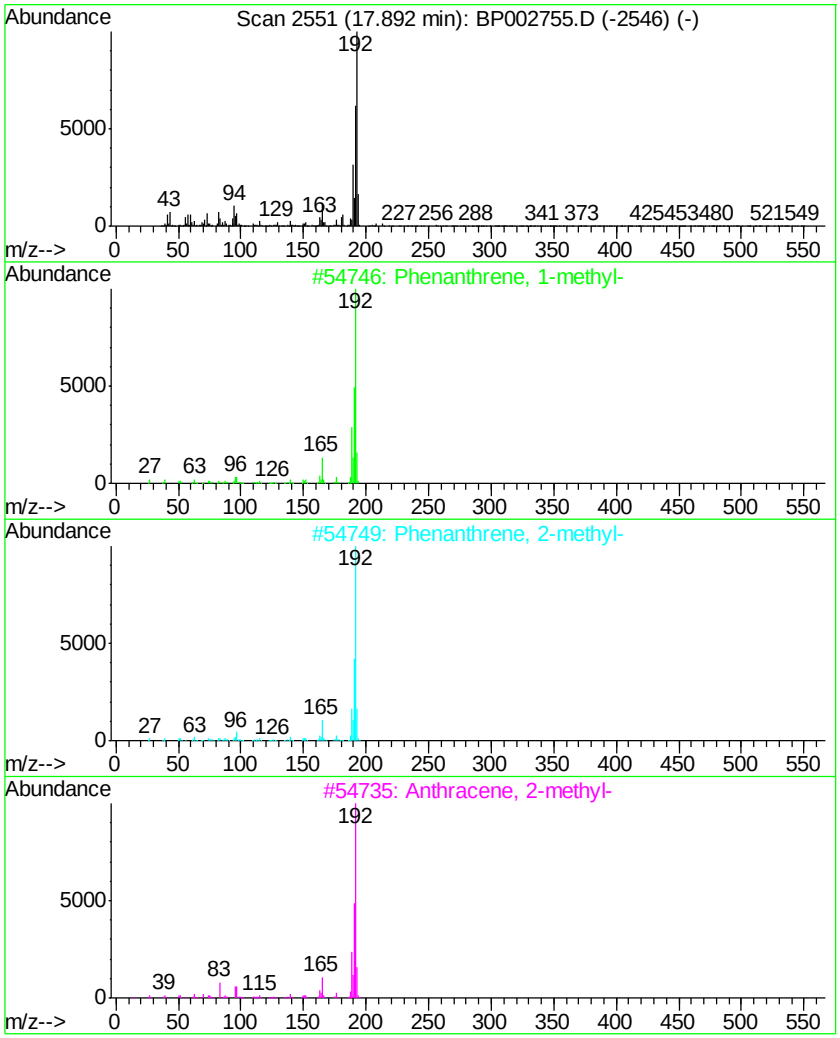
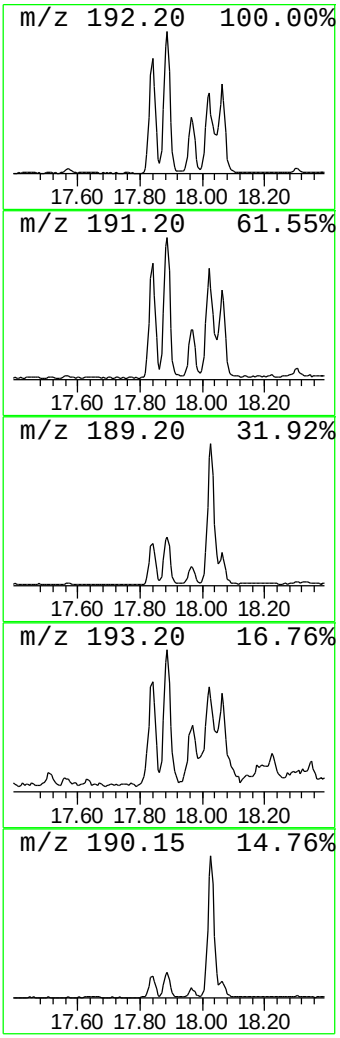
Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	3.07 ng	304201	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FK-GF-02-058-A

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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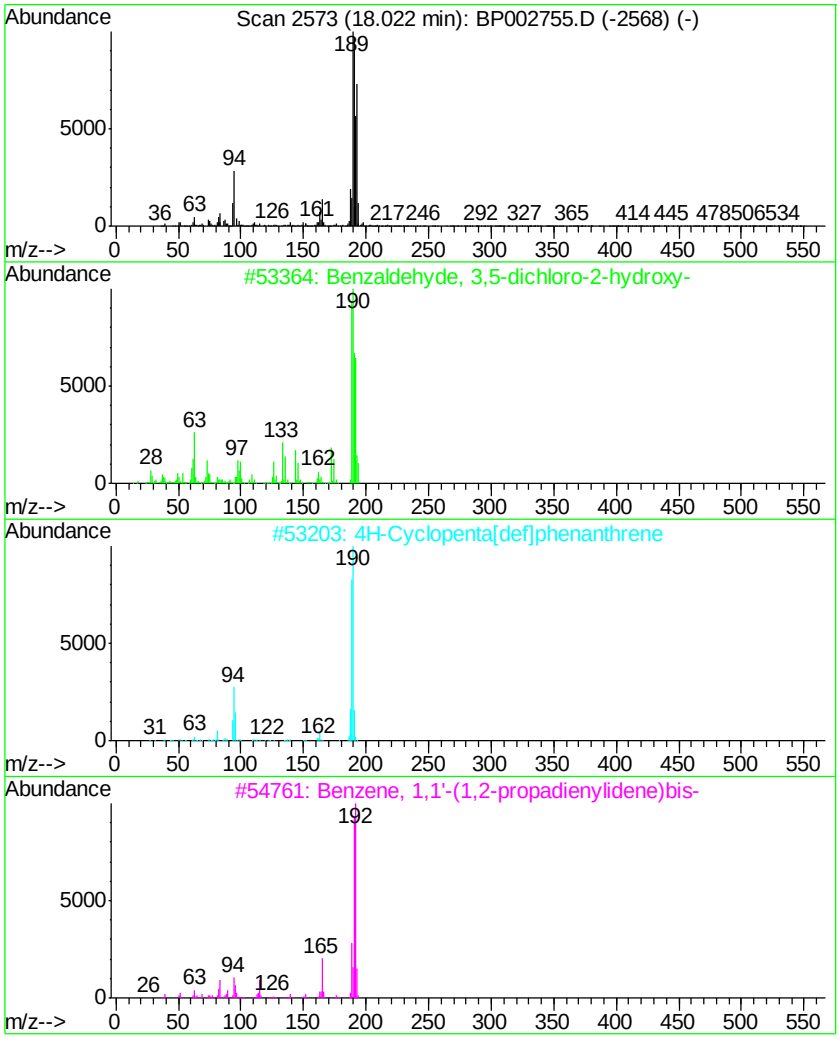
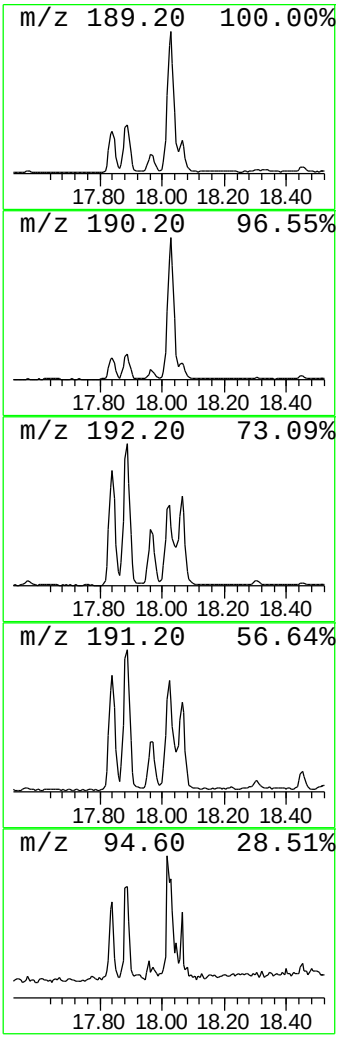
Peak Number 3 Benzaldehyde, 3,5-dichloro-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	4.53 ng	449495	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	38
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	35
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	35





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TIC Integration Parameters: LSCINT.P

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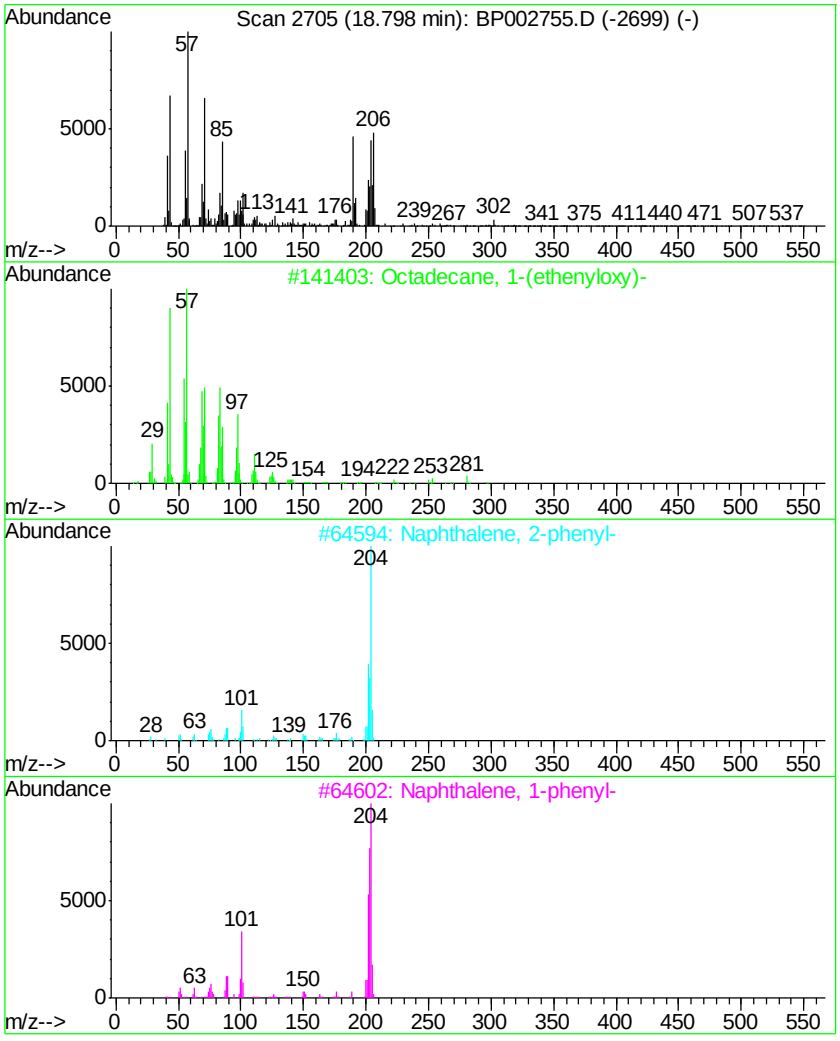
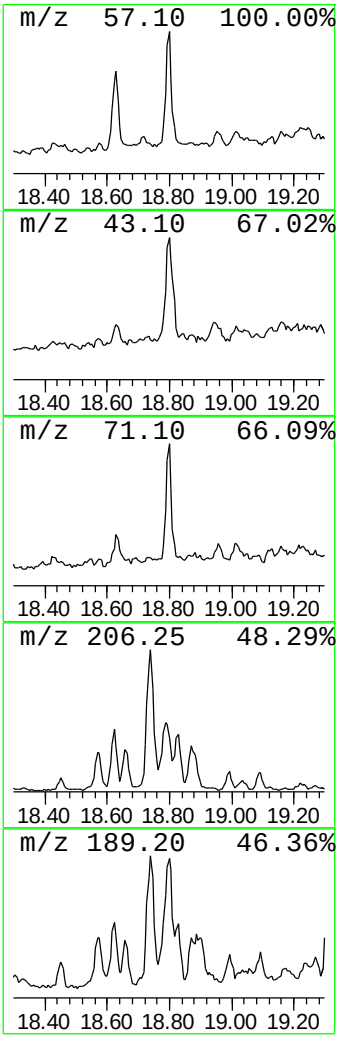
Peak Number 4 unknown18.80 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	4.37 ng	433502	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	25
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	20
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	15
4	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	15
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	14





Tentatively Identified Compound (LSC) summary

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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...	17.84	2.2	ng	219363	4	16.96	1983060	20.0
Phenanthrene, 1-m...	17.89	3.1	ng	304201	4	16.96	1983060	20.0
Benzaldehyde, 3,5...	18.02	4.5	ng	449495	4	16.96	1983060	20.0
unknown18.80	18.80	4.4	ng	433502	4	16.96	1983060	20.0