LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
Data File : BP002758.D
Acq On : 15 Jul 2020 17:21
Operator : CG/JU
Sample : L3303-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FK-GF-03-014-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	4.128	207	211	227	rVB	37513	61964	1.92%	0.190%
2	4.716	306	311	322	rVB	38307	63119	1.96%	0.193%
3	5.181	383	390	410	rBV	1240736	1892817	58.70%	5.801%
4	6.758	652	658	671	rVV	1144344	1978911	61.37%	6.065%
5	6.863	672	676	687	rVB3	17365	42508	1.32%	0.130%
6	7.205	729	734	745	rBV6	13958	39127	1.21%	0.120%
7	7.552	787	793	804	rBV	575810	928666	28.80%	2.846%
8	8.116	879	889	894	rVB5	22271	46074	1.43%	0.141%
9	8.657	969	981	982	rBV7	18881	46270	1.44%	0.142%
10	8.699	982	988	1001	rVV	700809	1256468	38.97%	3.851%
11	8.799	1001	1005	1013	rVV3	27276	59695	1.85%	0.183%
12	8.904	1013	1023	1031	rVB7	18267	55113	1.71%	0.169%
13	9.522	1124	1128	1137	rVB5	19918	42971	1.33%	0.132%
14	10.328	1255	1265	1271	rBV	719193	1295881	40.19%	3.971%
15	11.387	1439	1445	1451	rBV3	18718	37157	1.15%	0.114%
16	11.793	1505	1514	1520	rBV2	25740	52658	1.63%	0.161%
17	11.998	1541	1549	1559	rVB4	26254	64682	2.01%	0.198%
18	12.222	1582	1587	1591	rBV	23592	35399	1.10%	0.108%
19	12.816	1682	1688	1706	rVB	1717133	2596551	80.53%	7.958%
20	13.057	1720	1729	1735	rBV2	35873	78840	2.45%	0.242%
21	13.122	1736	1740	1748	rVB5	15731	43513	1.35%	0.133%
22	13.369	1777	1782	1791	rBV3	26161	68299	2.12%	0.209%
23	13.528	1804	1809	1813	rBV	43396	68885	2.14%	0.211%
24	13.581	1813	1818	1823	rVB	33685	47304	1.47%	0.145%
25	13.669	1828	1833	1839	rBV	760757	1059137	32.85%	3.246%
26	13.928	1872	1877	1885	rVB2	45516	80078	2.48%	0.245%
27	14.139	1909	1913	1917	rBV	52316	71927	2.23%	0.220%
28	14.204	1917	1924	1931	rVV2	1135318	1696049	52.60%	5.198%
29	14.269	1931	1935	1940	rVB	65627	92159	2.86%	0.282%
30	14.422	1956	1961	1970	rBV4	22977	57718	1.79%	0.177%
31	14.610	1985	1993	1998	rBV2	61183	118309	3.67%	0.363%
32	14.692	2003	2007	2012	rVB	31389	47411	1.47%	0.145%
33	14.763	2015	2019	2025	rVB6	23343	35506	1.10%	0.109%
34	14.839	2026	2032	2036	rBV2	32746	61125	1.90%	0.187%

LSC Area Percent Report

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Sample : L3303-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FK-GF-03-014-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	14.887	2037	2040	2045	rVB	25209	38323	1.19%	0.117%
36	15.010	2055	2061	2063	rBV4	22366	38177	1.18%	0.117%
37	15.098	2072	2076	2080	rBV2	59627	75780	2.35%	0.232%
38	15.263	2099	2104	2109	rBV	100586	144916	4.49%	0.444%
39	15.510	2139	2146	2150	rBV4	38685	70832	2.20%	0.217%
40	15.704	2174	2179	2189	rBV	1139546	1685096	52.26%	5.164%
41	15.963	2219	2223	2226	rBV2	76327	105676	3.28%	0.324%
42	15.992	2226	2228	2232	rVB2	53620	59363	1.84%	0.182%
43	16.328	2281	2285	2290	rVB3	33926	53980	1.67%	0.165%
44	16.622	2333	2335	2345	rVB4	24448	40363	1.25%	0.124%
45	16.763	2355	2359	2365	rBV2	68925	143031	4.44%	0.438%
46	16.816	2365	2368	2375	rVB	57401	83728	2.60%	0.257%
47	16.963	2388	2393	2397	rBV	1358701	1929142	59.83%	5.912%
48	17.004	2397	2400	2406	rVB	749607	992814	30.79%	3.043%
49	17.098	2412	2416	2422	rVB	209858	291966	9.05%	0.895%
50	17.375	2460	2463	2468	rVB	44615	55728	1.73%	0.171%
51	17.504	2481	2485	2488	rBV2	74589	94574	2.93%	0.290%
52	17.551	2490	2493	2497	rVB	34364	42349	1.31%	0.130%
53	17.845	2539	2543	2547	rBV	124036	163933	5.08%	0.502%
54	17.892	2547	2551	2558	rVB	186314	252917	7.84%	0.775%
55	17.969	2561	2564	2568	rVV	60074	79457	2.46%	0.244%
56	18.028	2570	2574	2578	rVV2	211741	362427	11.24%	1.111%
57	18.069	2578	2581	2589	rVB	105006	164140	5.09%	0.503%
58	18.186	2597	2601	2604	rBV2	86914	105035	3.26%	0.322%
59	18.333	2623	2626	2629	rBV2	75909	91013	2.82%	0.279%
60	18.627	2672	2676	2680	rBV2	101875	150663	4.67%	0.462%
61	18.739	2692	2695	2699	rBV	100543	132224	4.10%	0.405%
62	18.804	2699	2706	2714	rVB5	165684	437808	13.58%	1.342%
63	18.992	2733	2738	2743	rBV	987898	1263224	39.18%	3.871%
64	19.345	2791	2798	2808	rBV	891757	1519486	47.12%	4.657%
65	19.551	2829	2833	2838	rVB	2701363	3224381	100.00%	9.882%
66	19.833	2879	2881	2886	rVB	158786	159311	4.94%	0.488%
67	19.880	2886	2889	2892	rBV	130130	142736	4.43%	0.437%
68	20.816	3045	3048	3053	rBV	344272	387600	12.02%	1.188%
69	21.074	3086	3092	3095	rBV2	1448657	2295282	71.19%	7.034%
70	23.263	3459	3464	3470	rVB2	859216	1529959	47.45%	4.689%

LSC Area Percent Report

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Operator : CG/JU
Sample : L3303-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FK-GF-03-014-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

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Peak separation: 5

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

Sum of corrected areas: 32629725

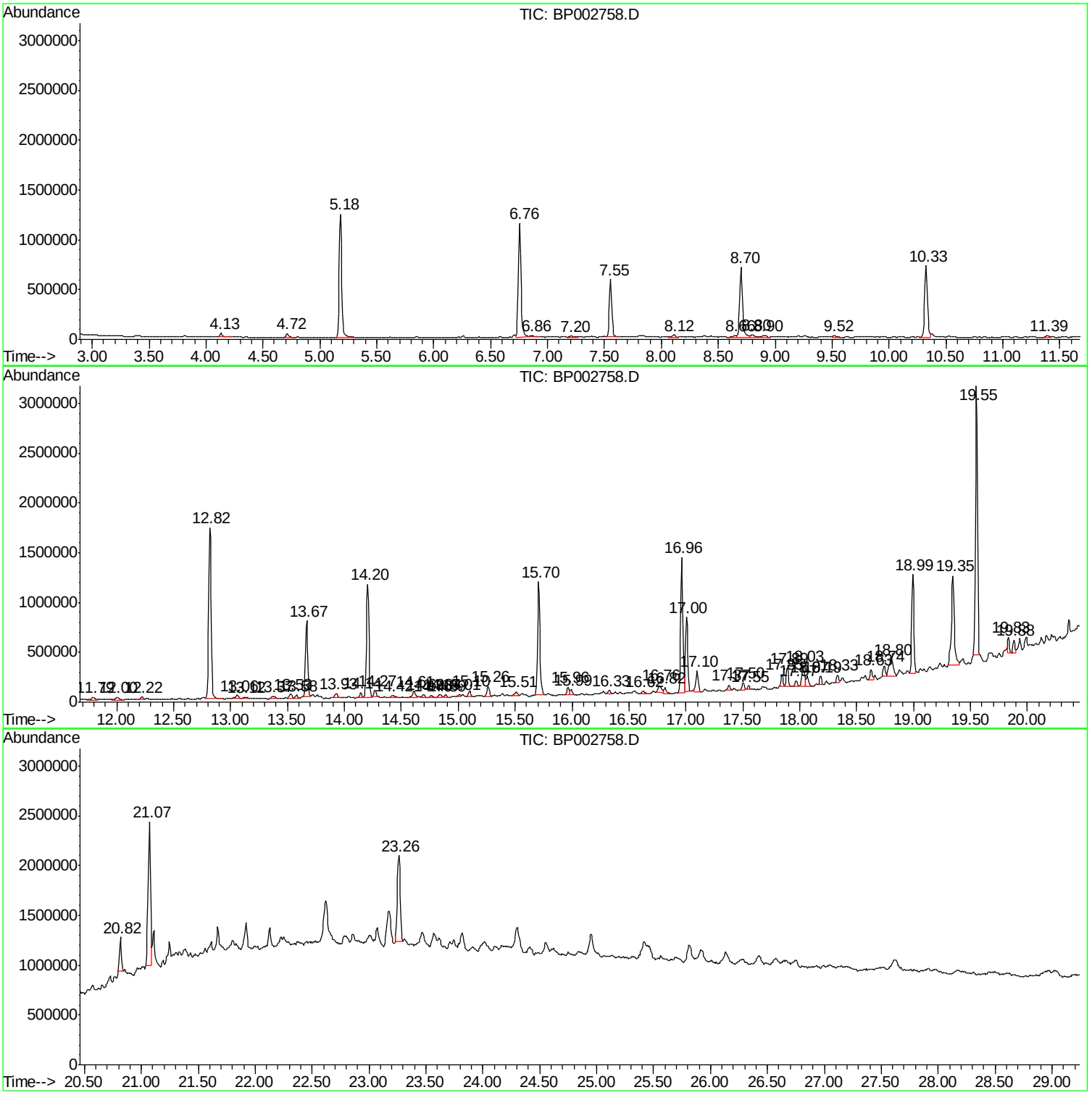
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
Data File : BP002758.D
Acq On : 15 Jul 2020 17:21
Operator : CG/JU
Sample : L3303-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FK-GF-03-014-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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
Data File : BP002758.D
Acq On : 15 Jul 2020 17:21
Operator : CG/JU
Sample : L3303-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FK-GF-03-014-A

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

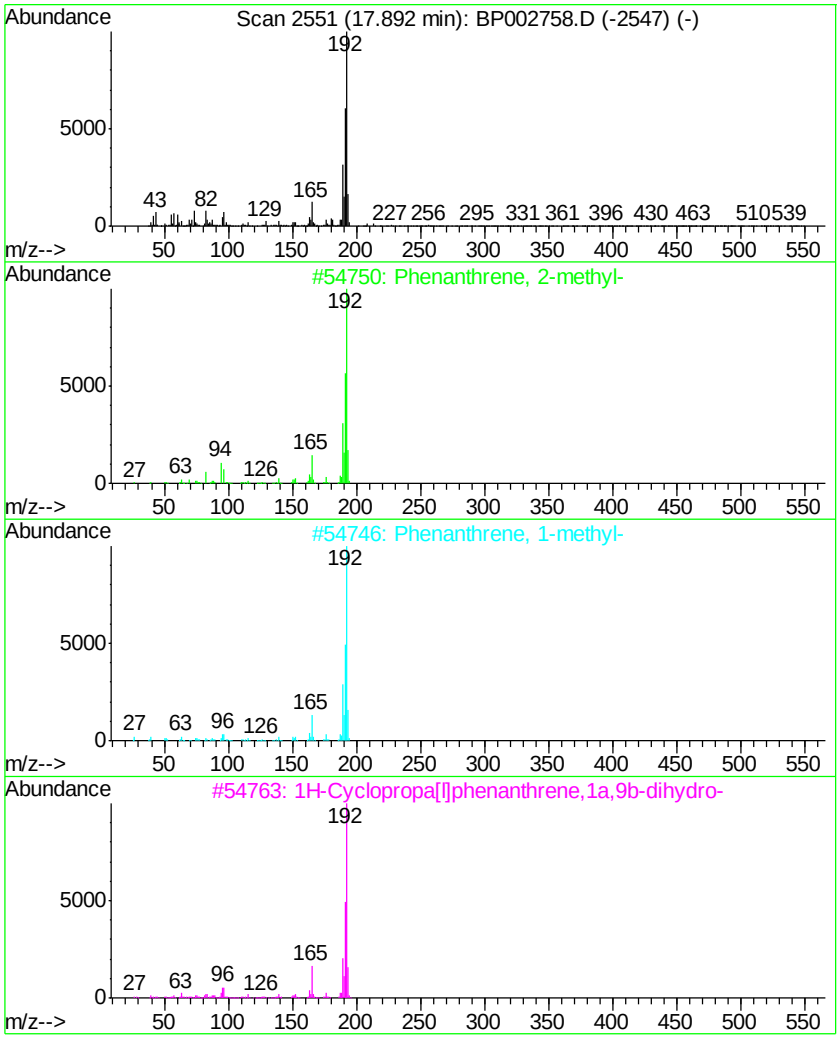
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

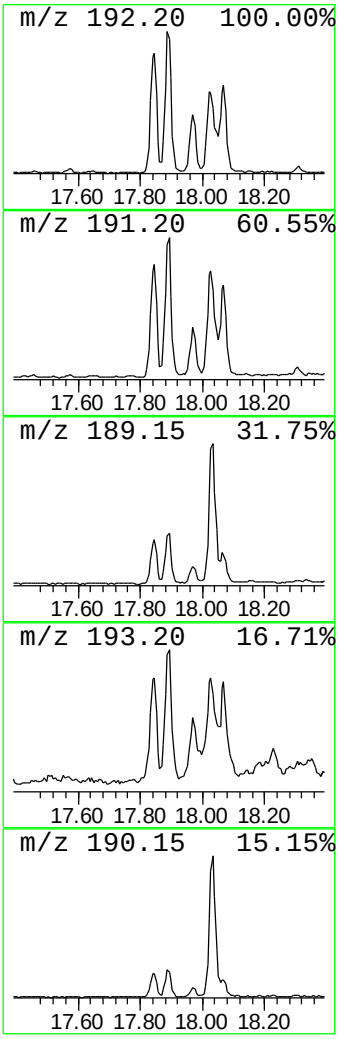
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	2.62 ng	252917	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
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Operator : CG/JU
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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FK-GF-03-014-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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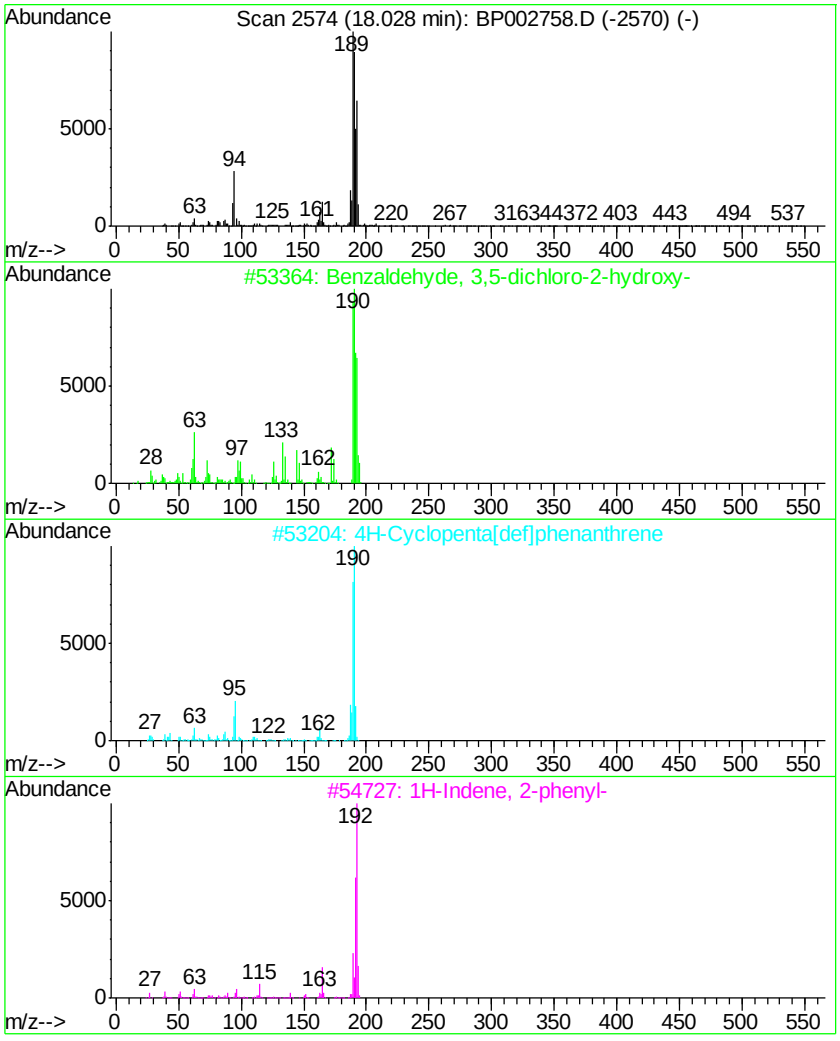
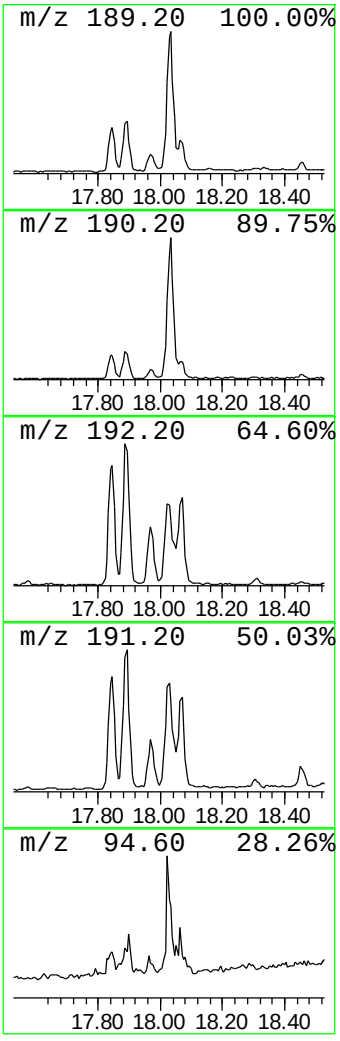
Peak Number 2 Benzaldehyde, 3,5-dichloro-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	3.76 ng	362427	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	53
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
5	Methyl diselenide	190	C2H6Se2	007101-31-7	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
Data File : BP002758.D
Acq On : 15 Jul 2020 17:21
Operator : CG/JU
Sample : L3303-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FK-GF-03-014-A

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

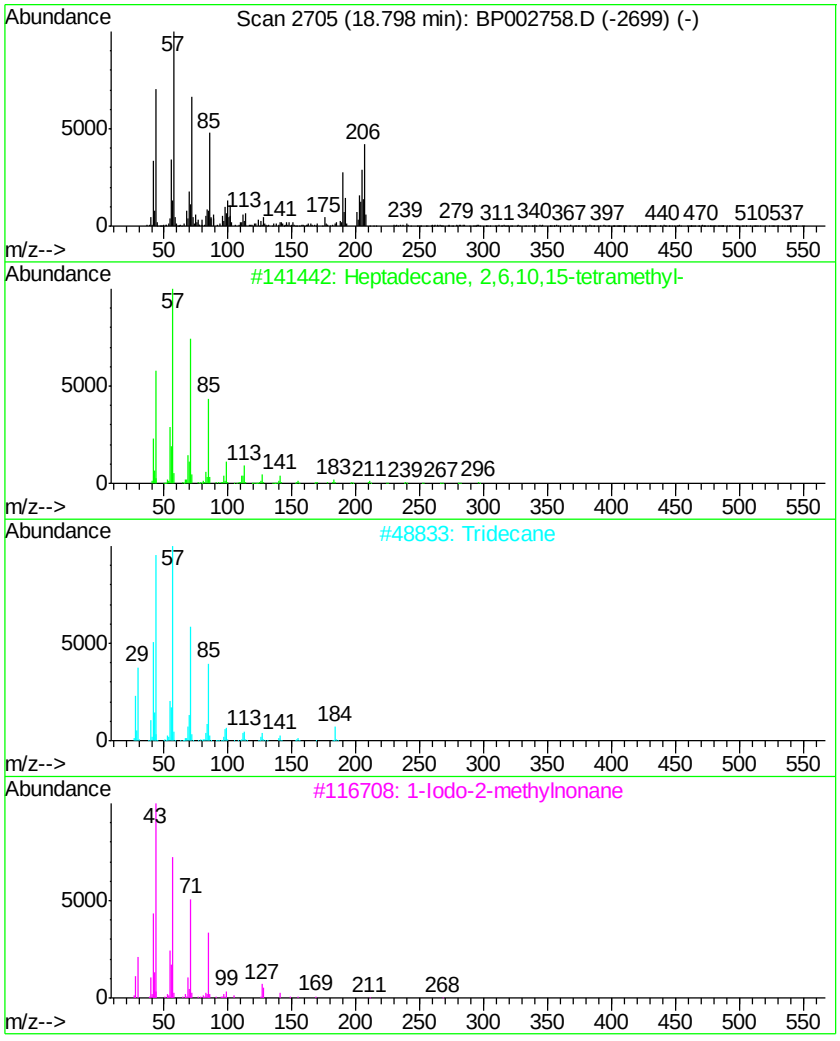
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

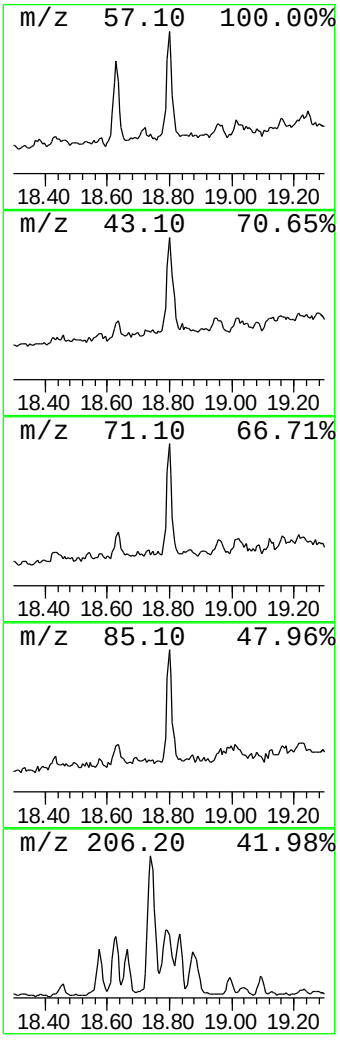
****

Peak Number 3 unknown18.80 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	4.54 ng	437808	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	35
2	Tridecane	184	C13H28	000629-50-5	35
3	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	35
4	Tetracosane	338	C24H50	000646-31-1	35
5	Nonadecane	268	C19H40	000629-92-5	30





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

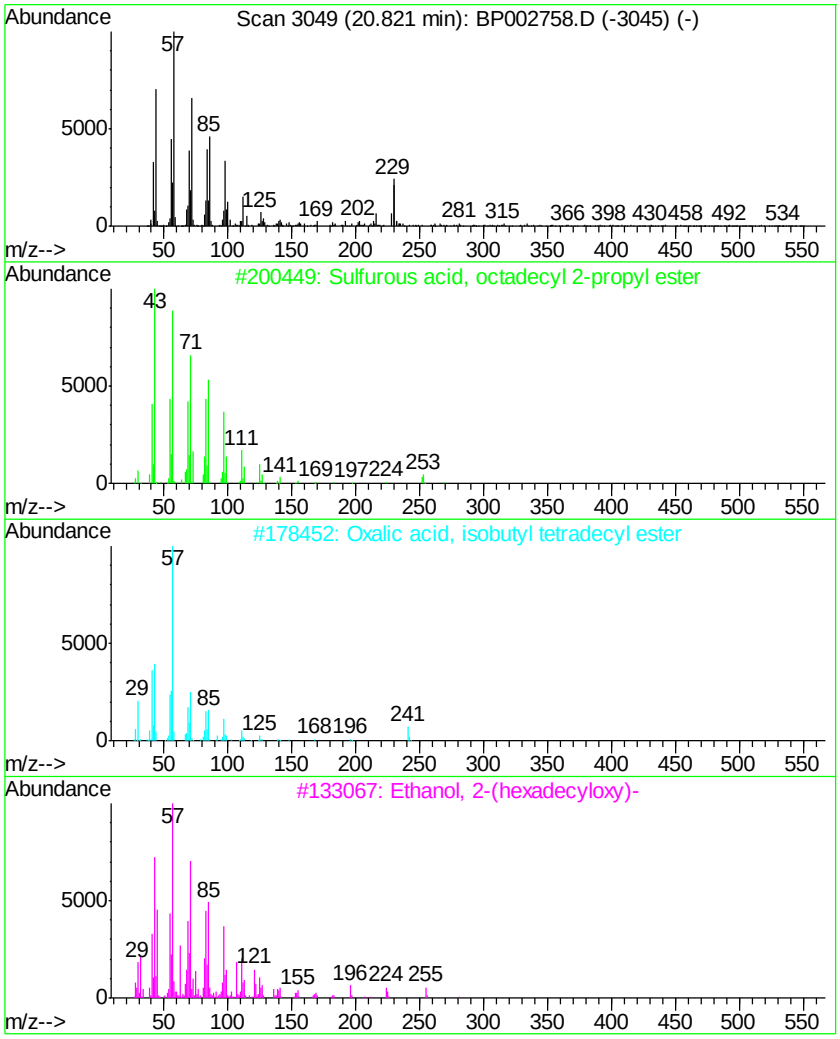
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

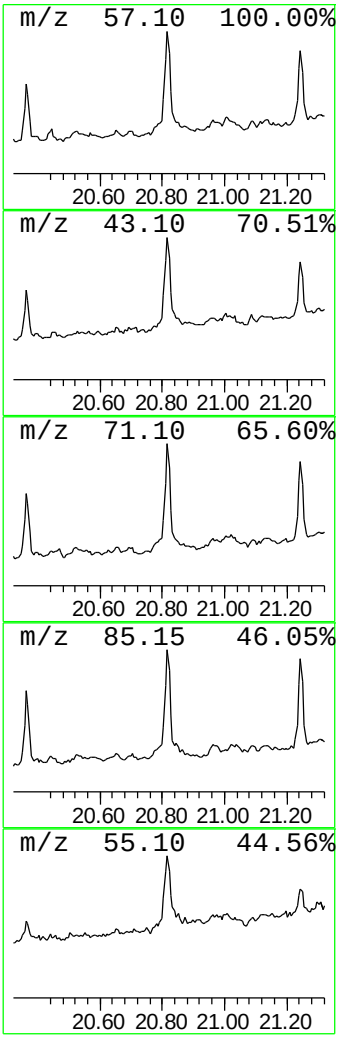
****

Peak Number 4 Sulfurous acid, octadecyl 2... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	3.38 ng	387600	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	68
2	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	64
3	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	64
4	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	64
5	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	62





Tentatively Identified Compound (LSC) summary

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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
Phenanthrene, 2-m...	17.89	2.6	ng	252917	4	16.96	1929140	20.0
Benzaldehyde, 3,5...	18.03	3.8	ng	362427	4	16.96	1929140	20.0
unknown18.80	18.80	4.5	ng	437808	4	16.96	1929140	20.0
Sulfurous acid, o...	20.82	3.4	ng	387600	5	21.07	2295280	20.0