LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005666.D
Acq On : 02 Jun 2021 15:32
Operator : CG/JU
Sample : M2580-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B3(4-6)

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\8270E-BP052721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP005666.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.117	3	5	10	rVB	1917273	1883654	11.30%	0.907%
2	3.158	10	12	26	rVB	163613	224437	1.35%	0.108%
3	3.852	126	130	136	rBV	136621	169117	1.01%	0.081%
4	4.475	229	236	251	rVB	8166963	10687282	64.10%	5.143%
5	5.093	331	341	352	rBV	8913079	14036922	84.19%	6.756%
6	7.146	683	690	697	rBV	228893	393655	2.36%	0.189%
7	7.616	761	770	779	rVB3	137955	320437	1.92%	0.154%
8	7.987	825	833	840	rBV	1078086	1730353	10.38%	0.833%
9	8.052	840	844	850	rVB	116043	198703	1.19%	0.096%
10	8.634	938	943	955	rVB5	75848	184867	1.11%	0.089%
11	9.099	1014	1022	1025	rBV4	78073	176214	1.06%	0.085%
12	9.146	1025	1030	1038	rVV	1503162	2581704	15.49%	1.243%
13	9.222	1038	1043	1054	rVB	250561	430108	2.58%	0.207%
14	10.046	1180	1183	1194	rVB5	132330	368466	2.21%	0.177%
15	10.622	1276	1281	1292	rBV	480629	1017747	6.10%	0.490%
16	10.793	1301	1310	1315	rBV	1165532	2277133	13.66%	1.096%
17	10.846	1315	1319	1326	rVB	475099	794039	4.76%	0.382%
18	11.363	1401	1407	1413	rBV3	179637	346501	2.08%	0.167%
19	11.822	1478	1485	1494	rVB5	94811	210250	1.26%	0.101%
20	12.210	1546	1551	1558	rBV	274614	400579	2.40%	0.193%
21	12.446	1582	1591	1597	rVB	627411	1023582	6.14%	0.493%
22	12.663	1622	1628	1632	rBV	384249	616123	3.70%	0.297%
23	13.157	1708	1712	1718	rVB3	127737	198922	1.19%	0.096%
24	13.240	1718	1726	1732	rBV	3364805	4922985	29.53%	2.369%
25	13.446	1755	1761	1768	rVB2	496355	732138	4.39%	0.352%
26	13.646	1790	1795	1804	rVB	355961	610160	3.66%	0.294%
27	13.775	1811	1817	1818	rBV	255152	360622	2.16%	0.174%
28	13.934	1837	1844	1849	rBV	445740	876047	5.25%	0.422%
29	13.987	1849	1853	1859	rVB	298488	454518	2.73%	0.219%
30	14.063	1859	1866	1869	rBV	307402	503416	3.02%	0.242%
31	14.093	1869	1871	1875	rVB	181717	220282	1.32%	0.106%
32	14.169	1880	1884	1887	rVB	151022	183698	1.10%	0.088%
33	14.334	1908	1912	1918	rVB	187999	267008	1.60%	0.129%
34	14.510	1937	1942	1950	rVB3	686713	1072863	6.44%	0.516%
35	14.610	1950	1959	1964	rBV	1545817	2521776	15.13%	1.214%
36	14.669	1964	1969	1977	rVB	1254344	1906856	11.44%	0.918%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005666.D
Acq On : 02 Jun 2021 15:32
Operator : CG/JU
Sample : M2580-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B3(4-6)

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\8270E-BP052721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.816	1988	1994	2003	rBV	233396	613436	3.68%	0.295%
38	14.916	2004	2011	2015	rBV2	295532	583826	3.50%	0.281%
39	15.004	2021	2026	2032	rVB2	699884	1125924	6.75%	0.542%
40	15.075	2033	2038	2043	rBV	188648	337159	2.02%	0.162%
41	15.122	2043	2046	2051	rBV5	95793	170912	1.03%	0.082%
42	15.281	2055	2073	2087	rBV5	1446837	8870583	53.21%	4.269%
43	15.457	2099	2103	2118	rVB	847275	1582007	9.49%	0.761%
44	15.651	2131	2136	2141	rBV	882262	1234040	7.40%	0.594%
45	15.745	2148	2152	2154	rBV2	221533	338748	2.03%	0.163%
46	15.775	2154	2157	2160	rVV	386663	565945	3.39%	0.272%
47	15.816	2160	2164	2168	rVV3	503099	913749	5.48%	0.440%
48	15.863	2169	2172	2175	rVV	472369	661335	3.97%	0.318%
49	15.898	2175	2178	2182	rVV2	255999	442648	2.66%	0.213%
50	15.945	2183	2186	2194	rVB3	321598	645065	3.87%	0.310%
51	16.316	2245	2249	2252	rBV	781051	1090189	6.54%	0.525%
52	16.651	2300	2306	2311	rVB4	343176	688333	4.13%	0.331%
53	16.704	2311	2315	2317	rBV	296793	456947	2.74%	0.220%
54	17.004	2361	2366	2372	rVB	518833	813503	4.88%	0.392%
55	17.110	2380	2384	2389	rVB2	873626	1156505	6.94%	0.557%
56	17.169	2389	2394	2404	rVB2	1146048	1850179	11.10%	0.890%
57	17.351	2420	2425	2428	rBV	1698618	2594180	15.56%	1.249%
58	17.398	2428	2433	2438	rVB	9257999	13386627	80.29%	6.443%
59	17.481	2443	2447	2453	rVV	2104345	2995316	17.97%	1.442%
60	17.539	2454	2457	2462	rVB4	185142	293891	1.76%	0.141%
61	17.751	2489	2493	2503	rVB	384294	655302	3.93%	0.315%
62	17.845	2506	2509	2516	rVV2	617867	948944	5.69%	0.457%
63	17.928	2519	2523	2531	rVB	651840	944304	5.66%	0.454%
64	18.069	2542	2547	2552	rBV	329175	576265	3.46%	0.277%
65	18.216	2566	2572	2576	rBV2	2099666	4094844	24.56%	1.971%
66	18.257	2576	2579	2585	rVB	2138919	2974860	17.84%	1.432%
67	18.334	2588	2592	2597	rBV	680344	981552	5.89%	0.472%
68	18.398	2598	2603	2607	rBV2	1928120	3498230	20.98%	1.684%
69	18.434	2607	2609	2614	rVB	1305001	1453010	8.72%	0.699%
70	18.516	2617	2623	2625	rBV2	614704	992604	5.95%	0.478%
71	18.692	2649	2653	2656	rBV	944998	1128949	6.77%	0.543%
72	18.728	2656	2659	2669	rVB2	547771	950642	5.70%	0.458%
73	18.810	2671	2673	2677	rVB	166534	188022	1.13%	0.090%
74	18.904	2686	2689	2690	rBV	189150	213750	1.28%	0.103%
75	18.928	2690	2693	2696	rVV	392771	458821	2.75%	0.221%
76	19.010	2705	2707	2711	rVB2	327725	410801	2.46%	0.198%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005666.D
Acq On : 02 Jun 2021 15:32
Operator : CG/JU
Sample : M2580-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B3(4-6)

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\8270E-BP052721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	19.092	2717	2721	2724	rBV	798845	1206152	7.23%	0.580%
78	19.181	2728	2736	2742	rVB2	2084753	6149397	36.88%	2.960%
79	19.286	2747	2754	2760	rVB	3643138	7789170	46.72%	3.749%
80	19.357	2760	2766	2767	rBV	11205662	16672070	100.00%	8.024%
81	19.451	2778	2782	2785	rBV2	1097616	1580977	9.48%	0.761%
82	19.492	2786	2789	2794	rVB	719835	1153046	6.92%	0.555%
83	19.586	2802	2805	2808	rBV	328311	353281	2.12%	0.170%
84	19.704	2815	2825	2832	rBV	7824520	13048243	78.26%	6.280%
85	19.769	2833	2836	2845	rVB2	449583	732758	4.40%	0.353%
86	19.892	2853	2857	2861	rVB	5283402	6124682	36.74%	2.948%
87	20.010	2874	2877	2883	rBV2	462566	1041101	6.24%	0.501%
88	20.181	2902	2906	2911	rVB3	1328939	2235580	13.41%	1.076%
89	20.275	2919	2922	2926	rVB	931559	1133213	6.80%	0.545%
90	20.333	2929	2932	2935	rVV	915584	1136762	6.82%	0.547%
91	20.369	2936	2938	2943	rVB3	476041	634488	3.81%	0.305%
92	20.469	2952	2955	2959	rBV	719684	1036207	6.22%	0.499%
93	20.516	2960	2963	2966	rVB	725647	871170	5.23%	0.419%
94	20.675	2988	2990	2993	rVB	476639	400692	2.40%	0.193%
95	21.122	3061	3066	3075	rVB4	981133	2451069	14.70%	1.180%
96	21.410	3110	3115	3120	rBV2	4327430	8709907	52.24%	4.192%
97	21.457	3120	3123	3133	rVB	3459784	4983197	29.89%	2.398%
98	23.122	3401	3406	3411	rBV2	1945527	4278866	25.66%	2.059%
99	23.763	3510	3515	3524	rVB	2498237	5275399	31.64%	2.539%

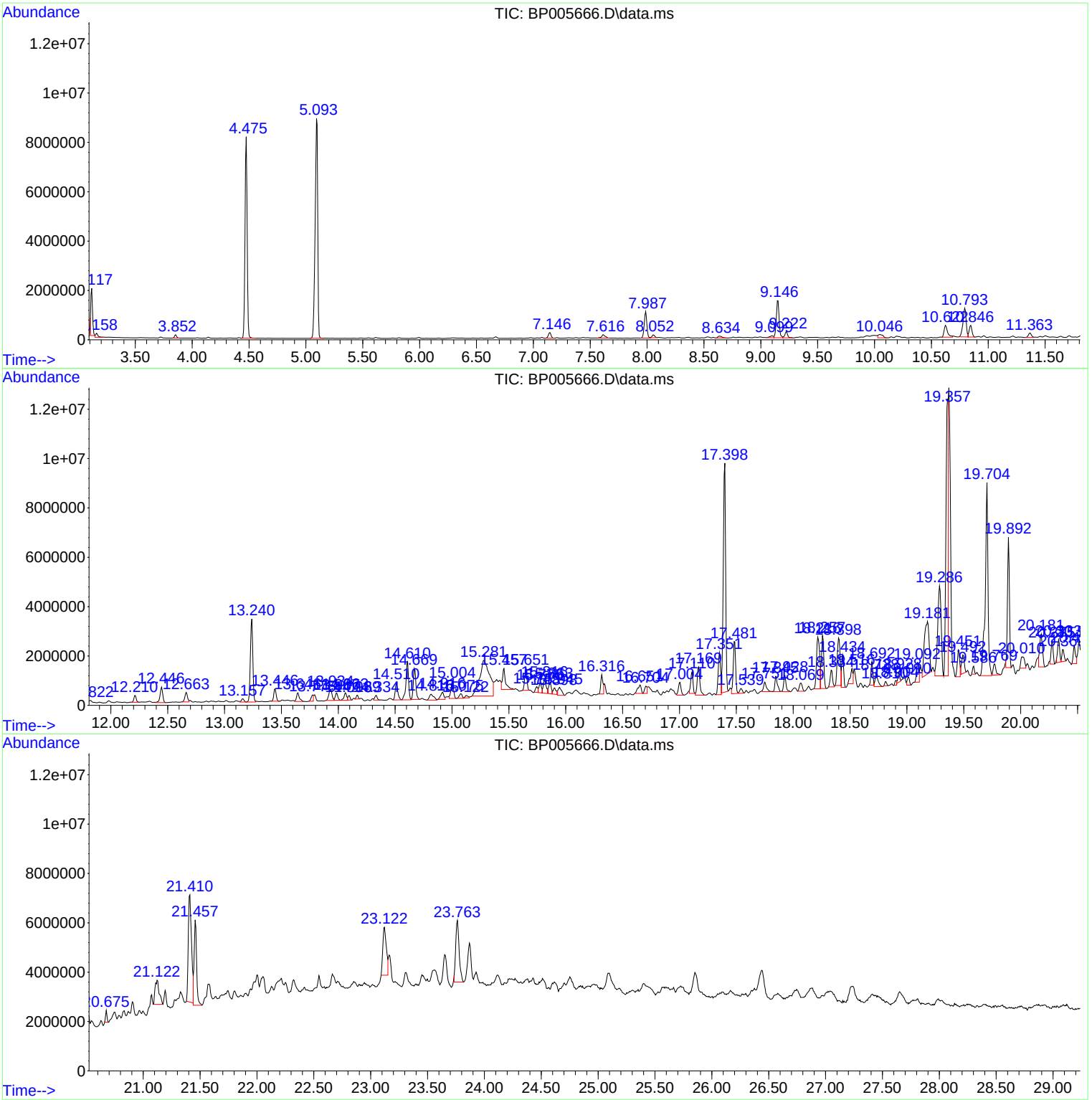
Sum of corrected areas: 207782538

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005666.D
Acq On : 02 Jun 2021 15:32
Operator : CG/JU
Sample : M2580-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B3(4-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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\BP060221\
Data File : BP005666.D
Acq On : 02 Jun 2021 15:32
Operator : CG/JU
Sample : M2580-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B3(4-6)

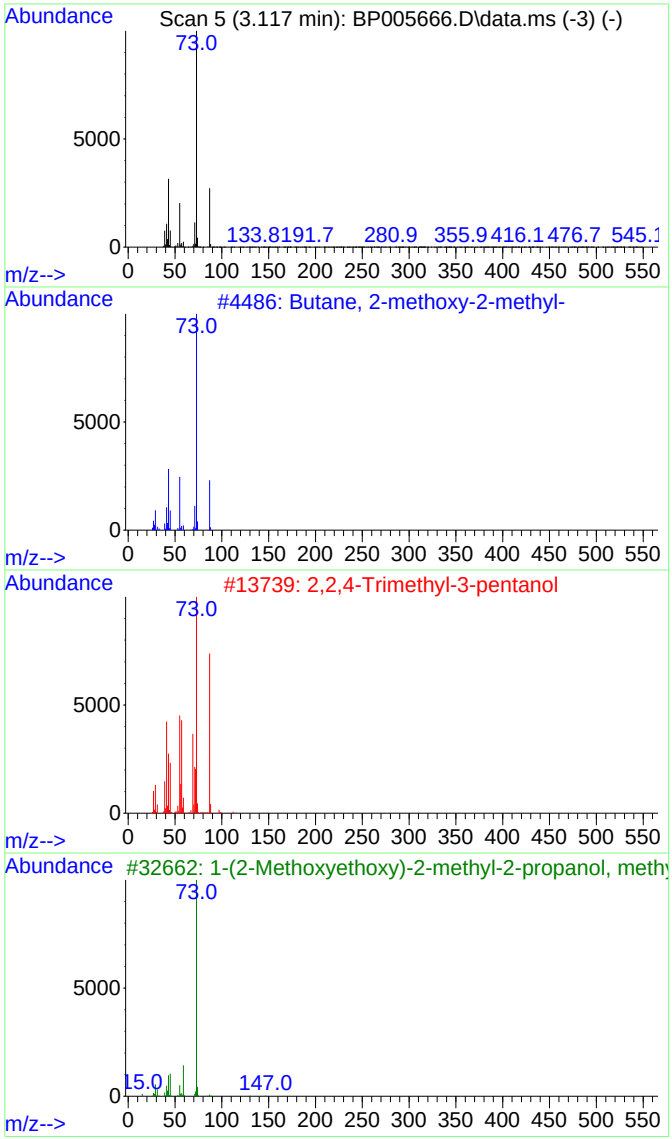
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

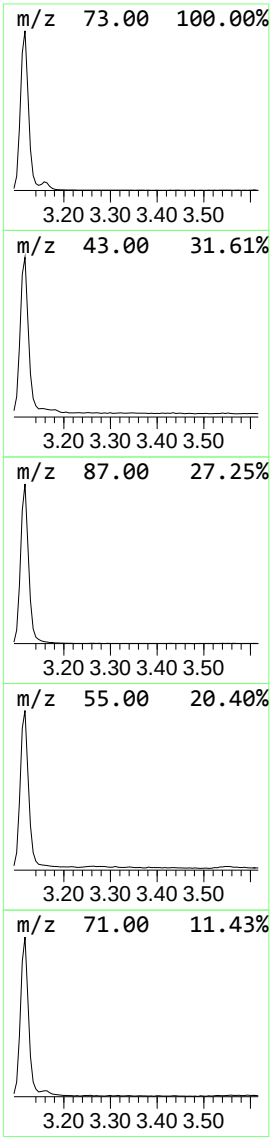
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.117	21.77 ng	1883650	1,4-Dichlorobenzene-d4	7.987

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	56
3	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005666.D
Acq On : 02 Jun 2021 15:32
Operator : CG/JU
Sample : M2580-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B3(4-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

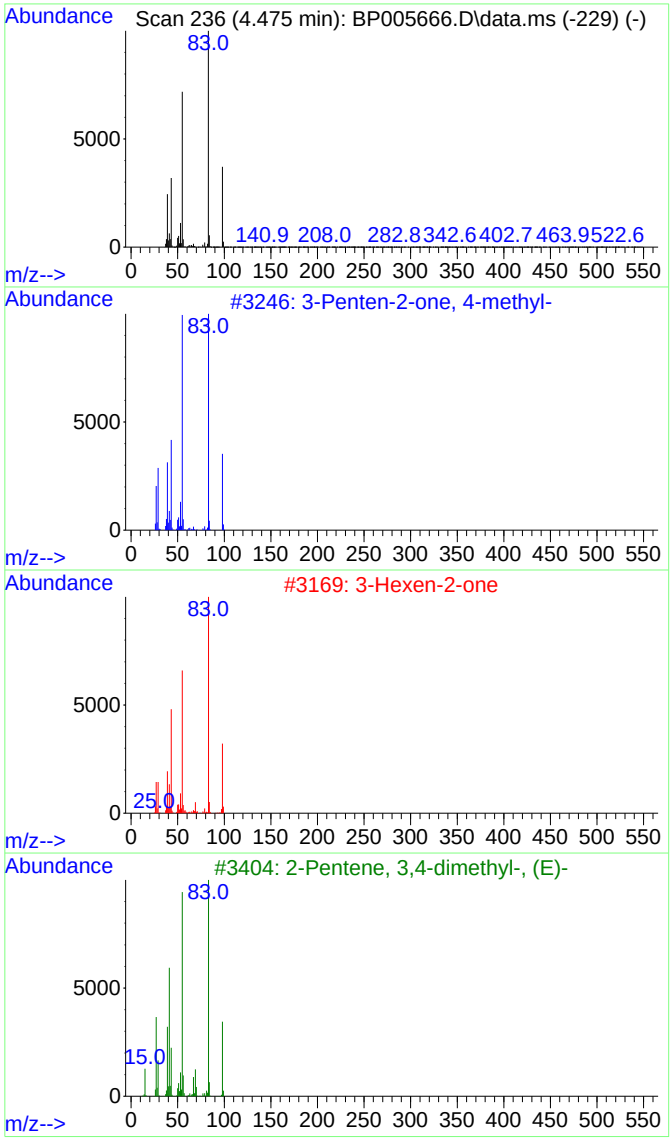
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

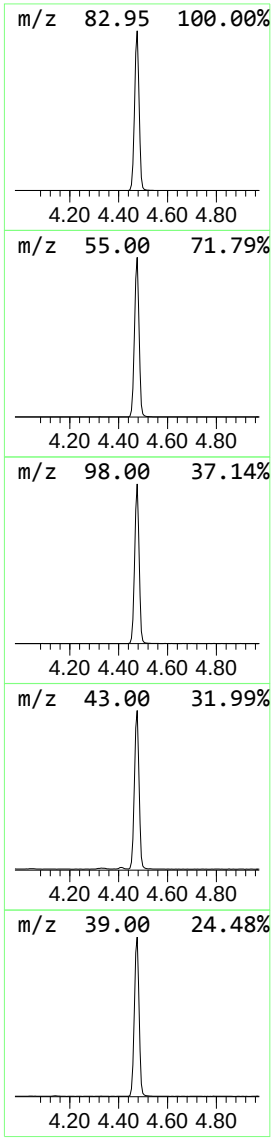
****

Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.475	123.53 ng	10687300	1,4-Dichlorobenzene-d4	7.987

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	95
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	Furan, 2-methoxy-	98	C5H6O2	025414-22-6	86
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005666.D
Acq On : 02 Jun 2021 15:32
Operator : CG/JU
Sample : M2580-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B3(4-6)

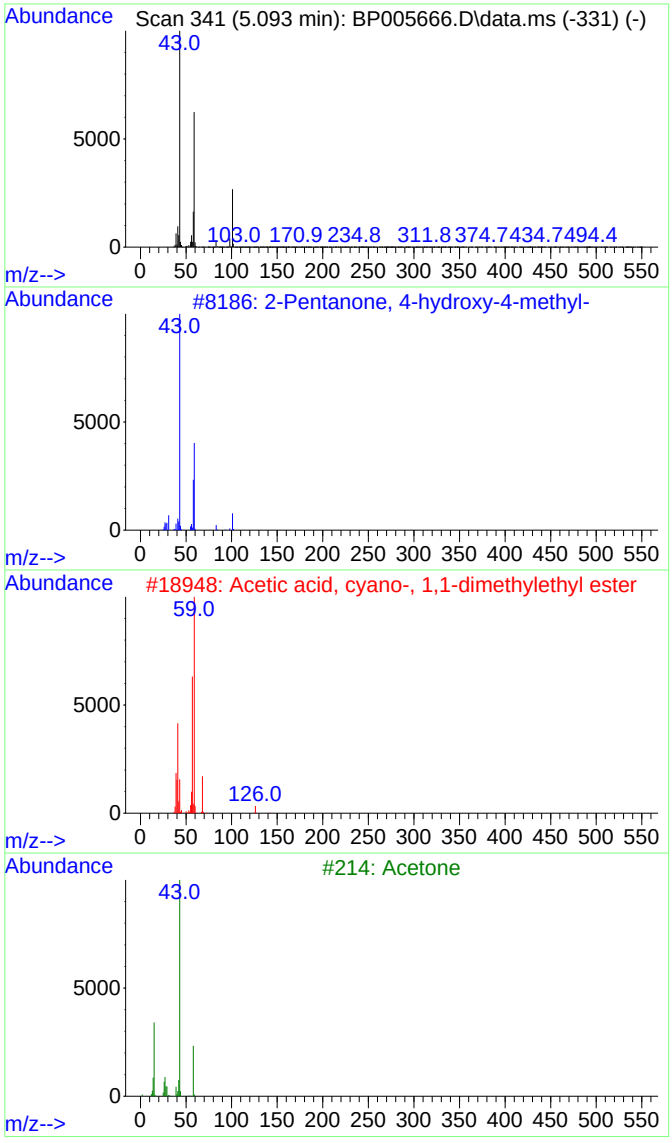
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

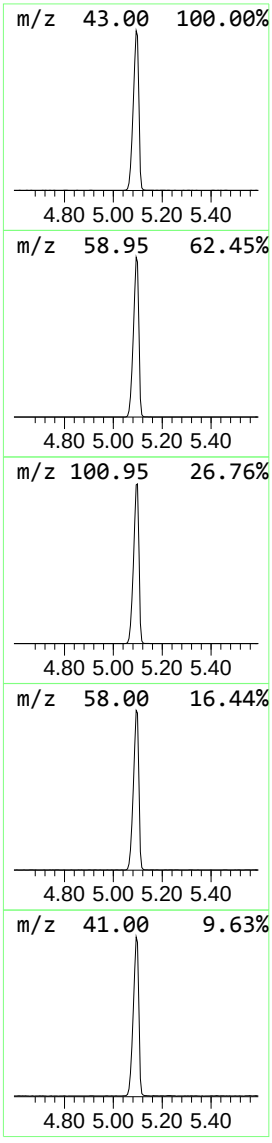
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.093	162.24 ng	14036900	1,4-Dichlorobenzene-d4	7.987

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Acetone	58	C3H6O	000067-64-1	10
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005666.D
Acq On : 02 Jun 2021 15:32
Operator : CG/JU
Sample : M2580-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B3(4-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

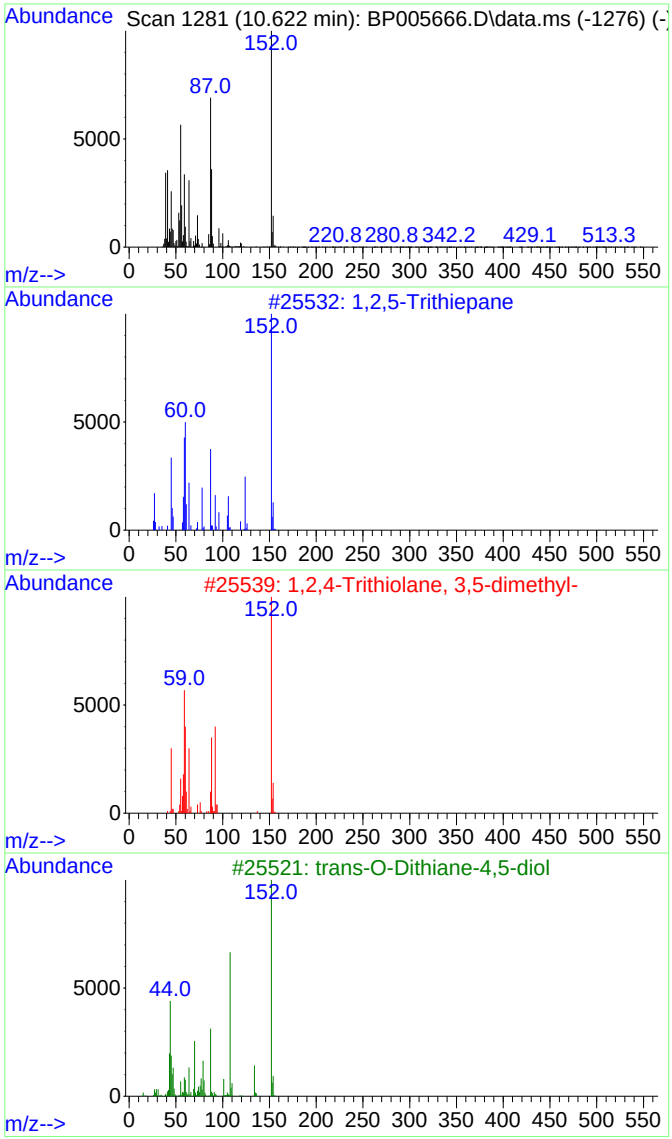
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

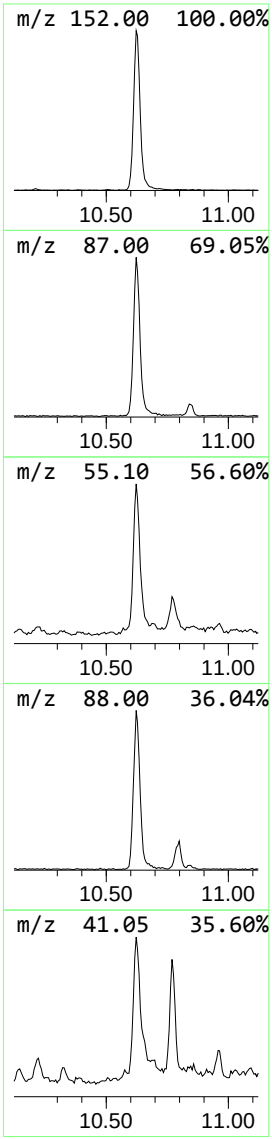
****

Peak Number 4 unknown10.62 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.622	8.94 ng	1017750	Naphthalene-d8	10.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,5-Trithiepane	152	C4H8S3	006576-93-8	38
2	1,2,4-Trithiolane, 3,5-dimethyl-	152	C4H8S3	023654-92-4	28
3	trans-O-Dithiane-4,5-diol	152	C4H8O2S2	014193-38-5	25
4	Benzoic acid, 3,5-diamino-	152	C7H8N2O2	000535-87-5	22
5	Ethane, isothiocyanato-	87	C3H5NS	000542-85-8	14





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005666.D
Acq On : 02 Jun 2021 15:32
Operator : CG/JU
Sample : M2580-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B3(4-6)

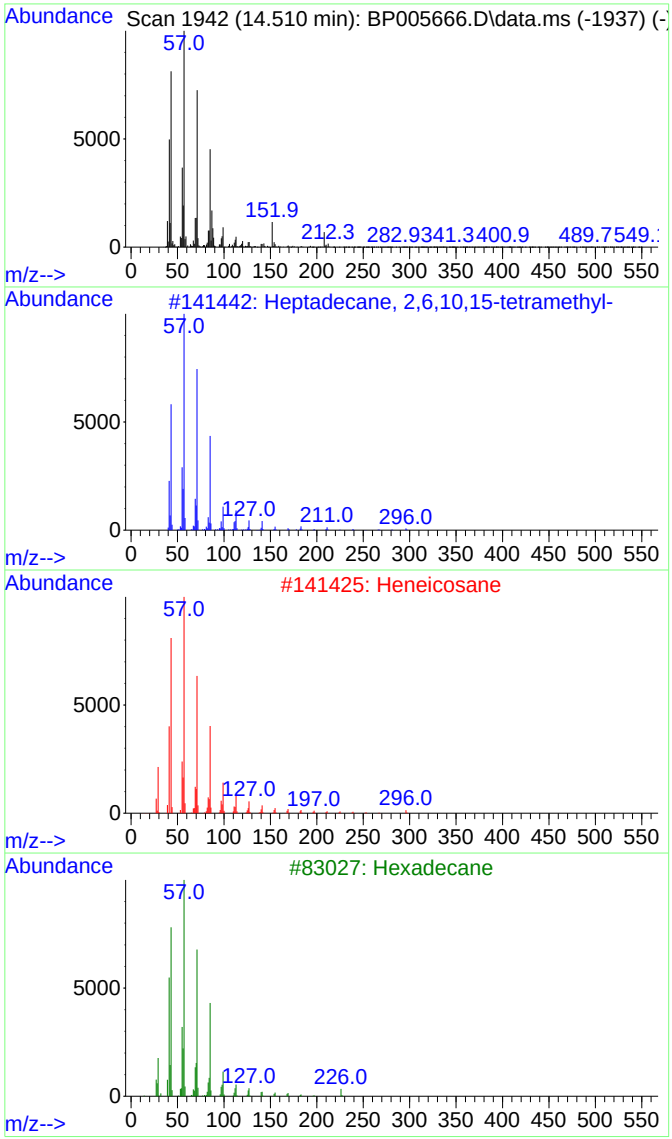
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

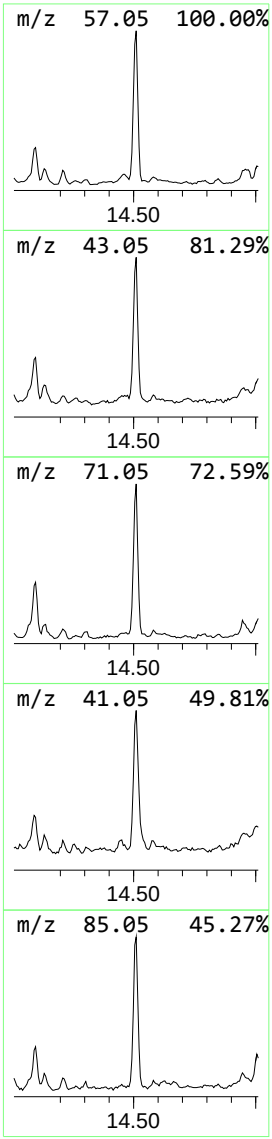
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Heptadecane, 2,6,10,15-tetr... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.510	8.51 ng	1072860	Acenaphthene-d10	14.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2	Heneicosane	296	C21H44	000629-94-7	76
3	Hexadecane	226	C16H34	000544-76-3	74
4	Nonadecane	268	C19H40	000629-92-5	74
5	Pentadecane	212	C15H32	000629-62-9	72





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Acq On : 02 Jun 2021 15:32
Operator : CG/JU
Sample : M2580-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
18-B3(4-6)

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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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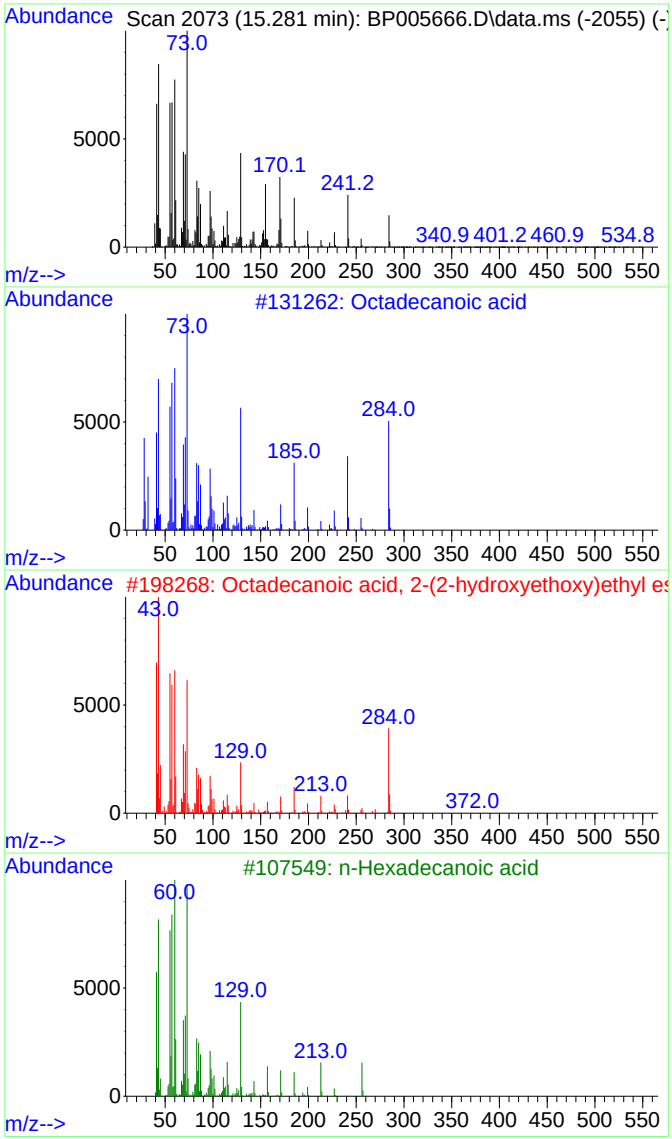
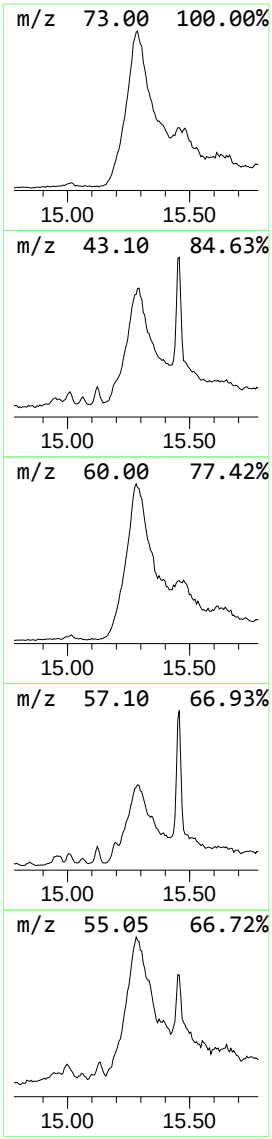
Peak Number 6 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.281	70.35 ng	8870580	Acenaphthene-d10	14.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	62
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	55





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ClientSampleId :
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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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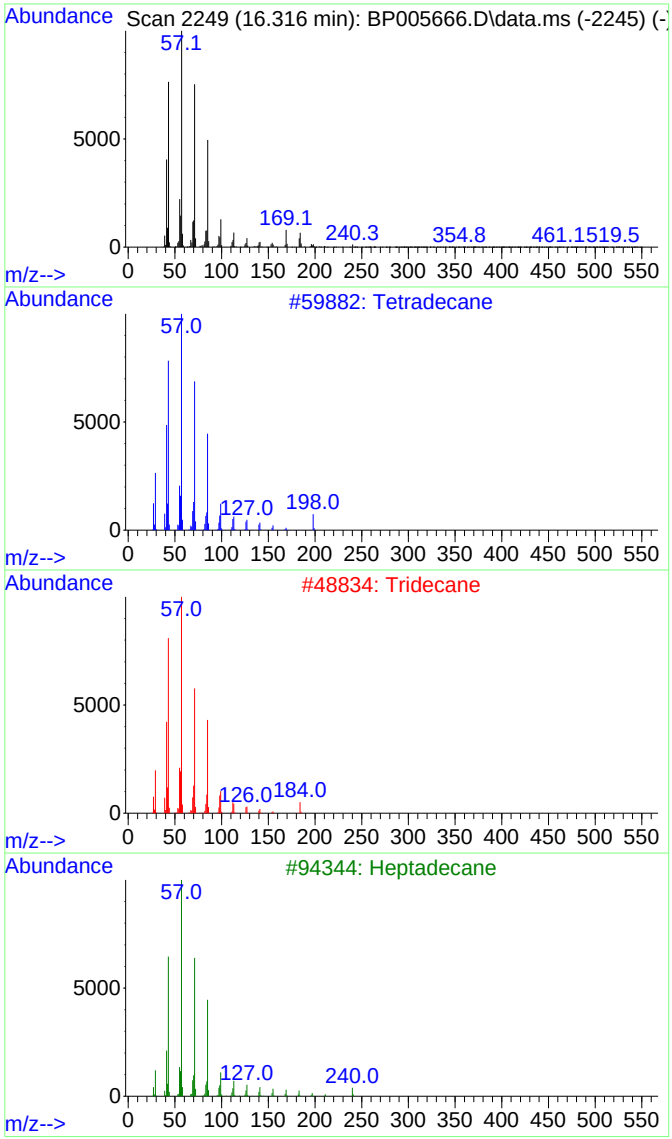
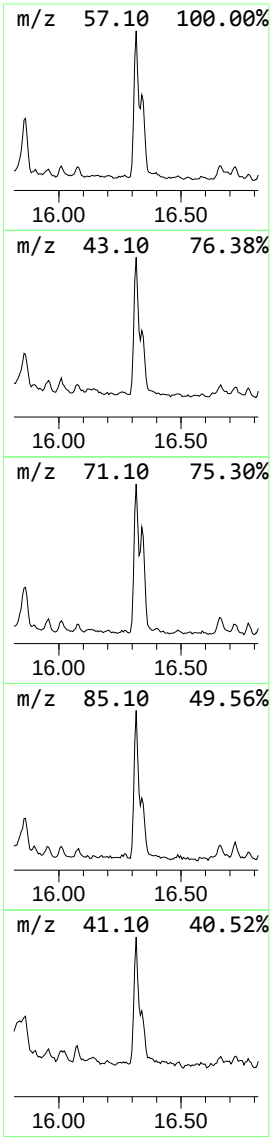
Peak Number 7 Tetradecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.316	8.40 ng	1090190	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Tridecane	184	C13H28	000629-50-5	90
3	Heptadecane	240	C17H36	000629-78-7	87
4	Eicosane	282	C20H42	000112-95-8	86
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86





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Sample : M2580-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B3(4-6)

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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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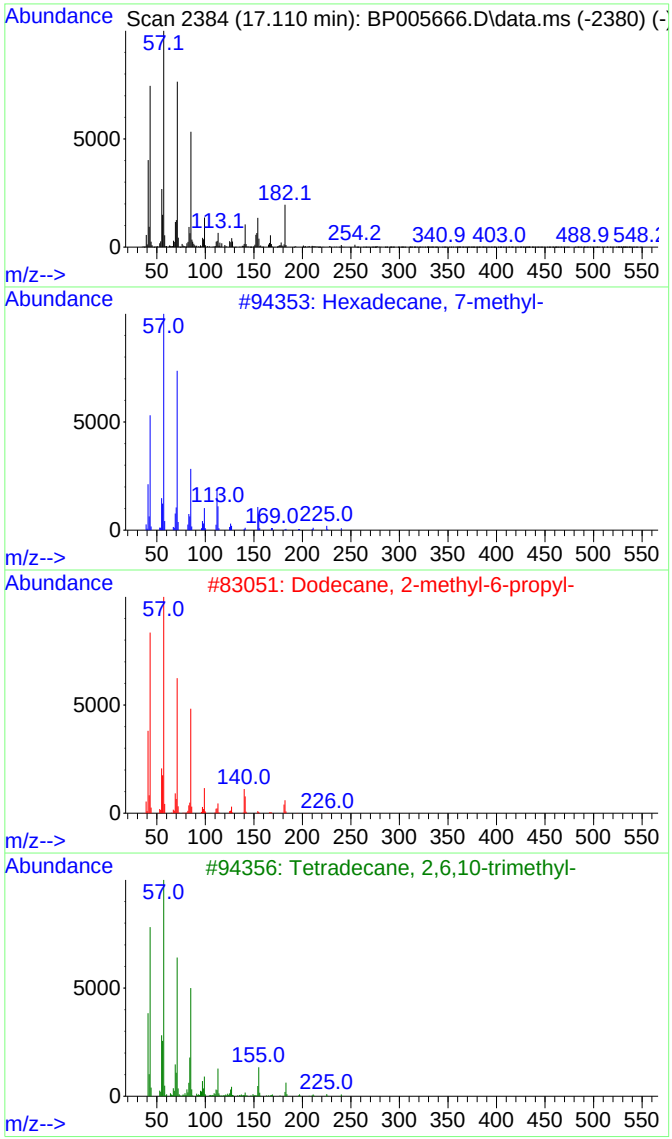
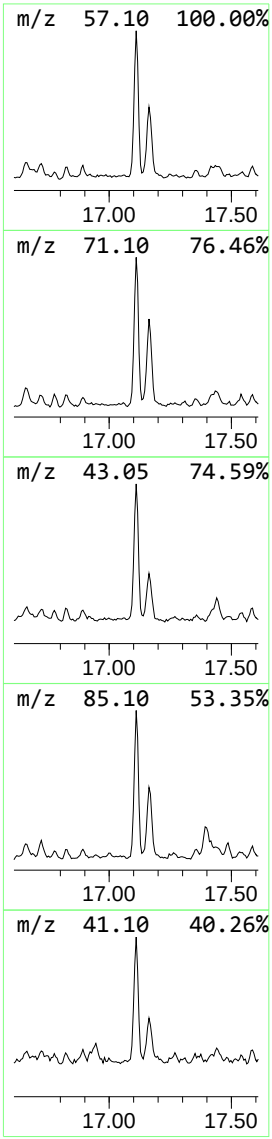
Peak Number 8 Hexadecane, 7-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.110	8.92 ng	1156510	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	86
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	64
4	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	64
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64





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Operator : CG/JU
Sample : M2580-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
18-B3(4-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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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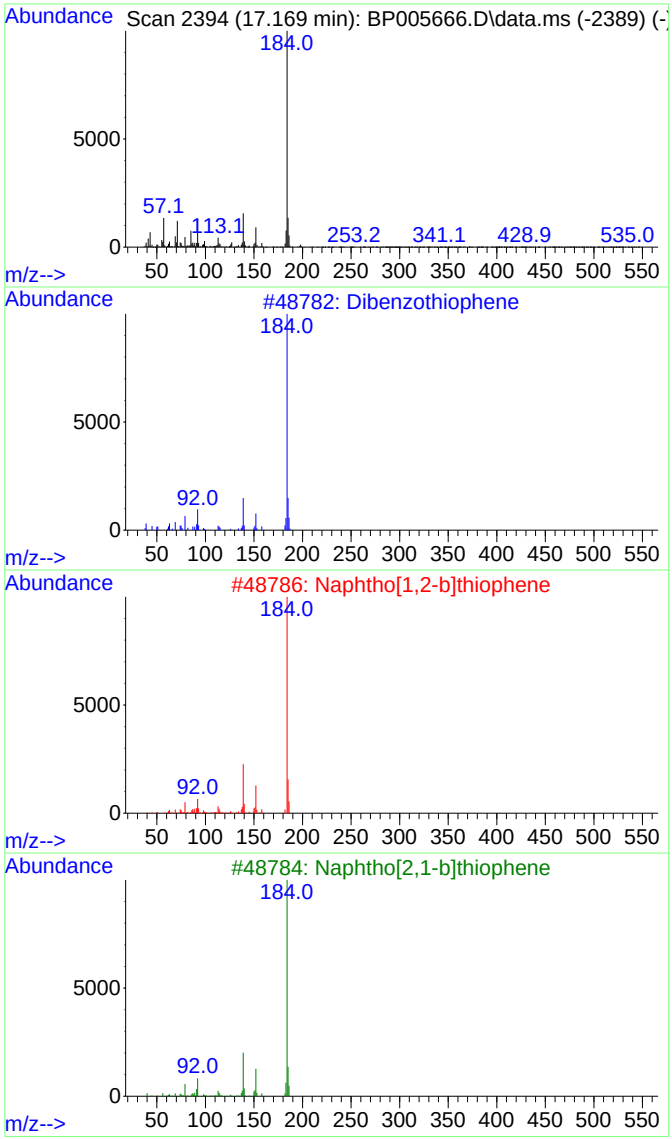
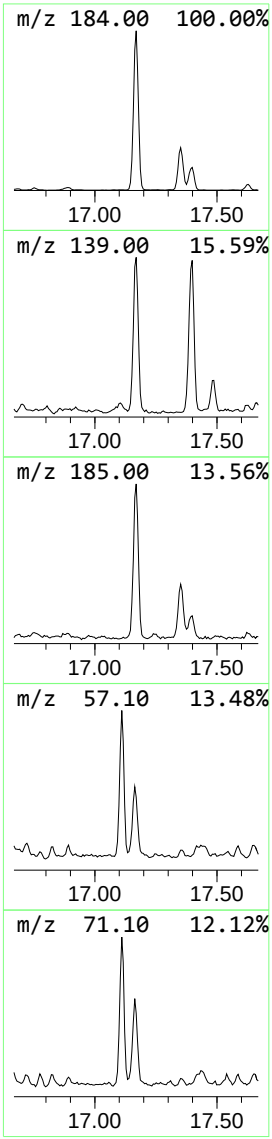
Peak Number 9 Dibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.169	14.26 ng	1850180	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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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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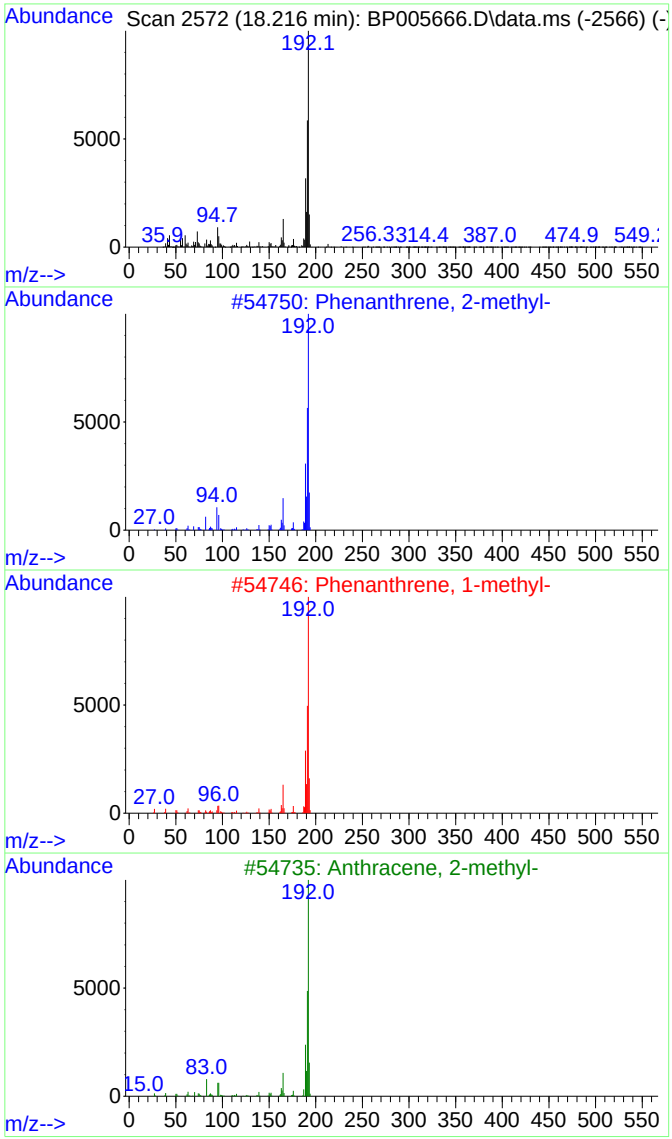
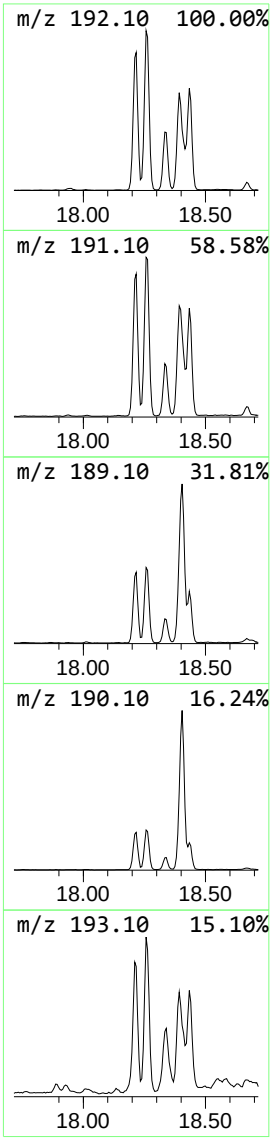
Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.216	31.57 ng	4094840	Phenanthrene-d10	17.351

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	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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Operator : CG/JU
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Misc :
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Instrument :
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ClientSampleId :
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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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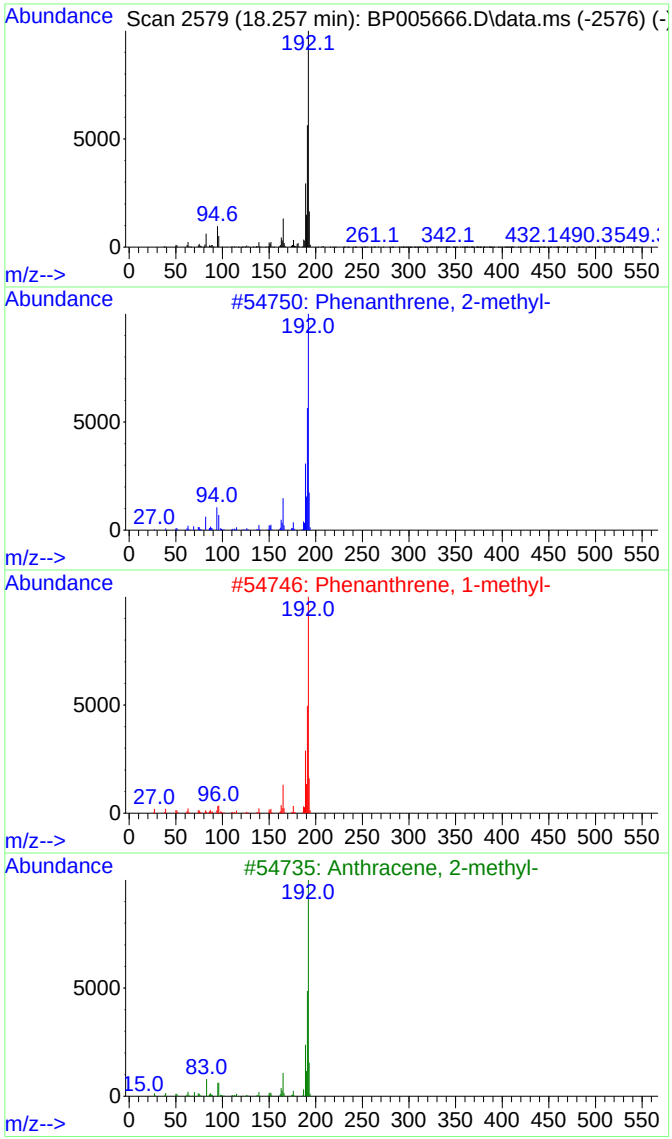
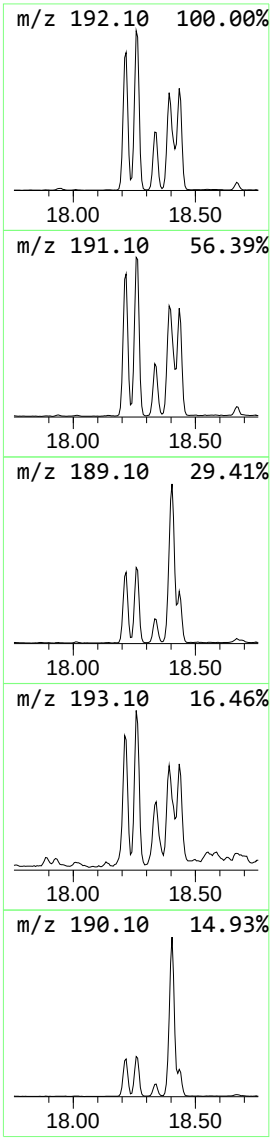
Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.257	22.93 ng	2974860	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





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Operator : CG/JU
Sample : M2580-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
18-B3(4-6)

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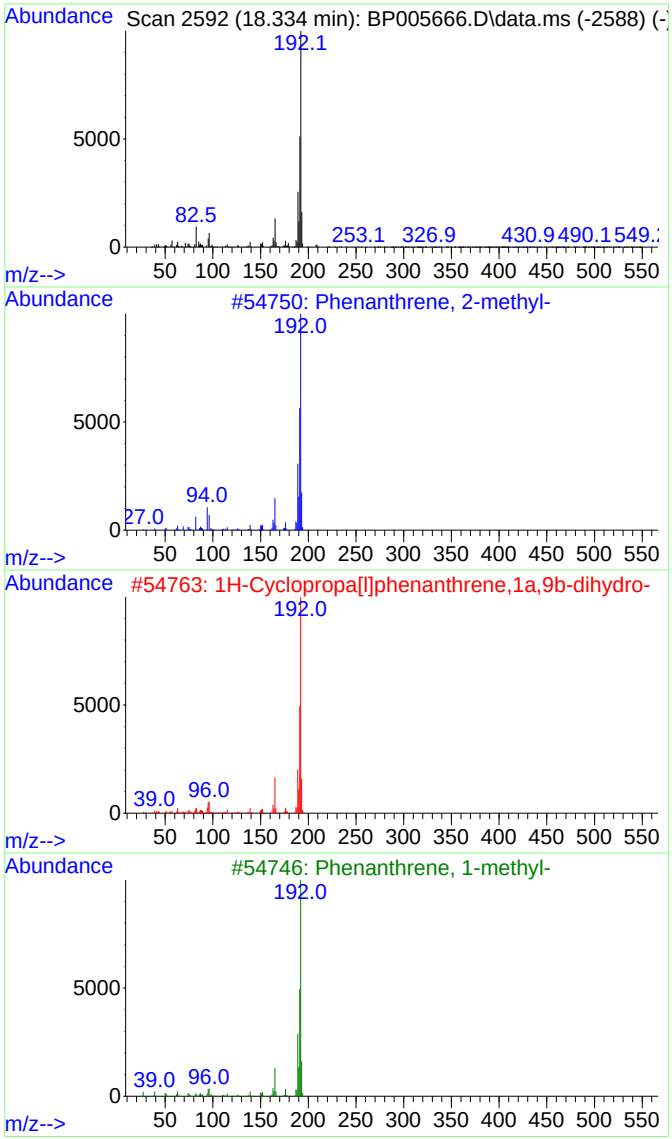
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

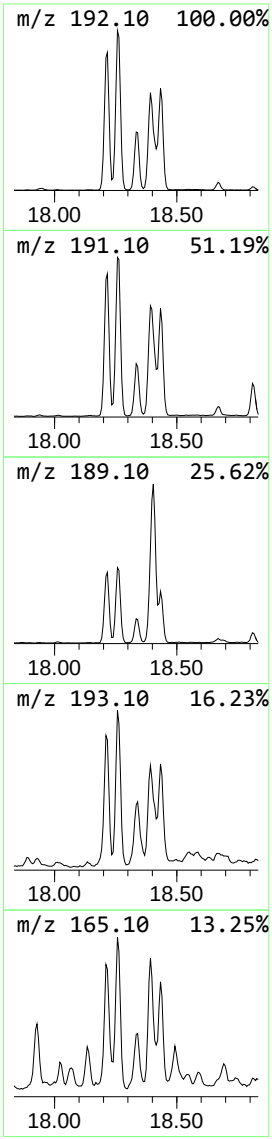
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1H-Cyclopropa[l]phenanthren... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.334	7.57 ng	981552	Phenanthrene-d10	17.351

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





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Operator : CG/JU
Sample : M2580-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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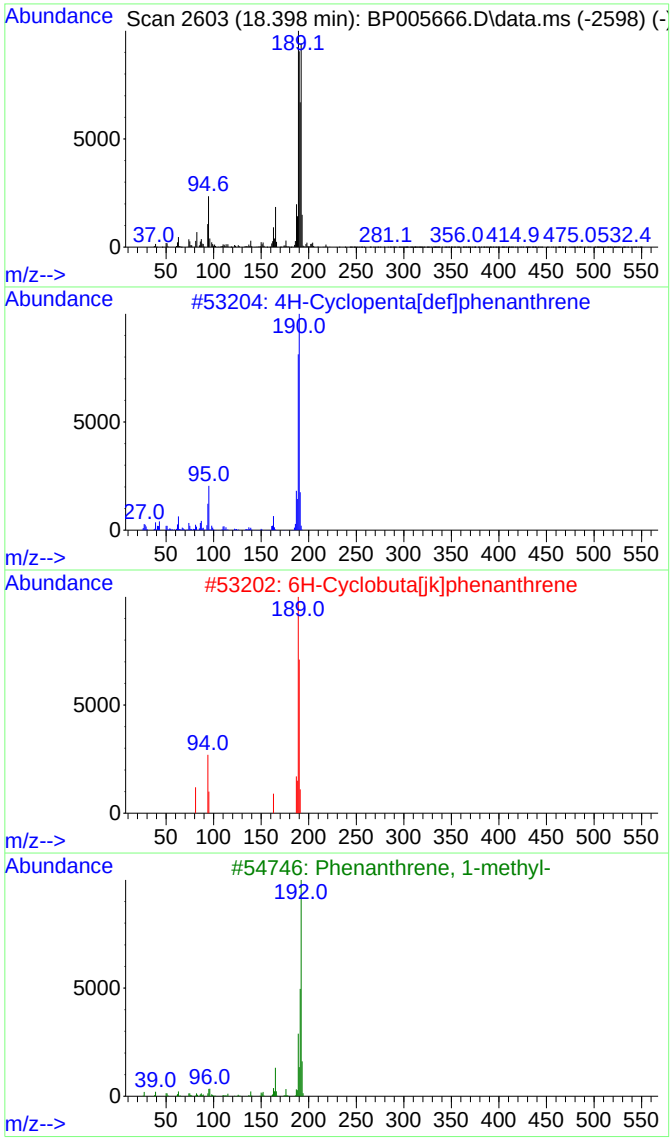
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

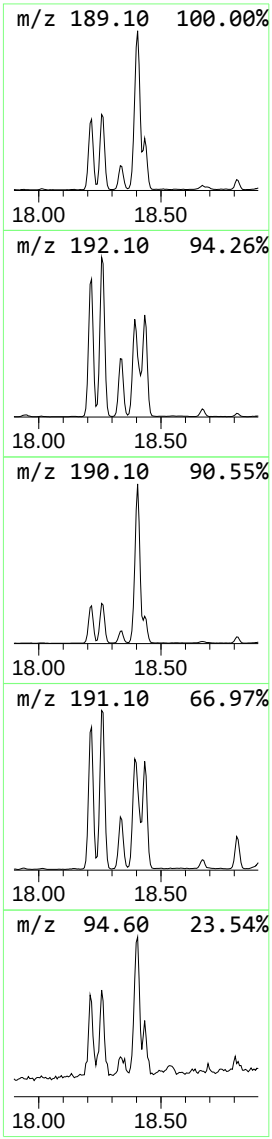
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.398	26.97 ng	3498230	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	41





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

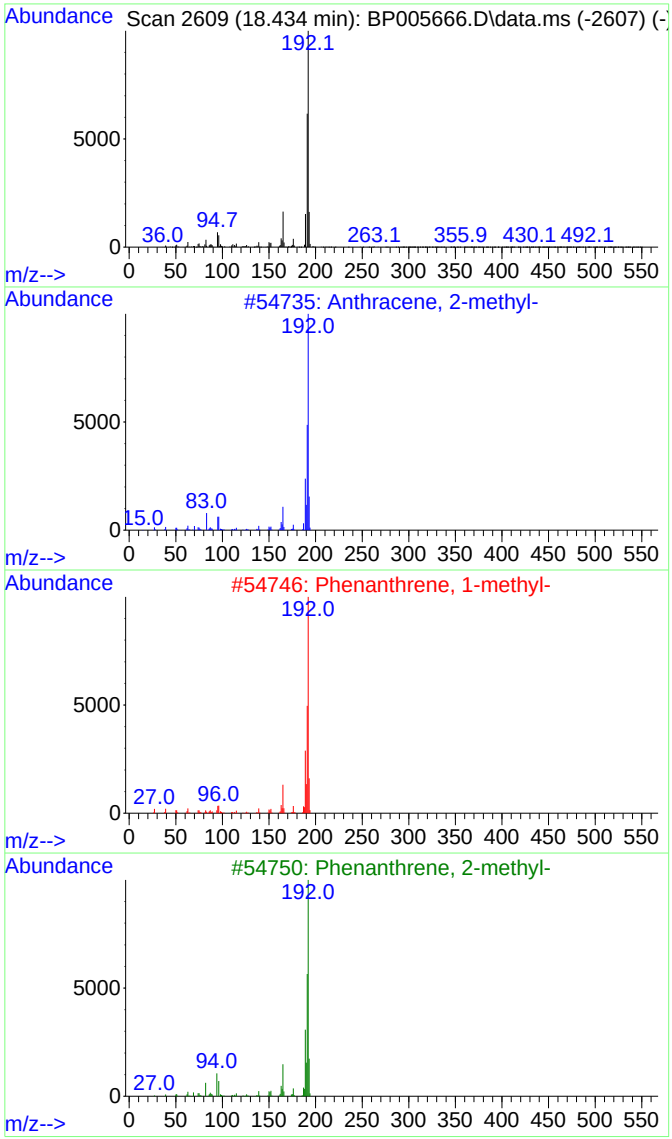
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

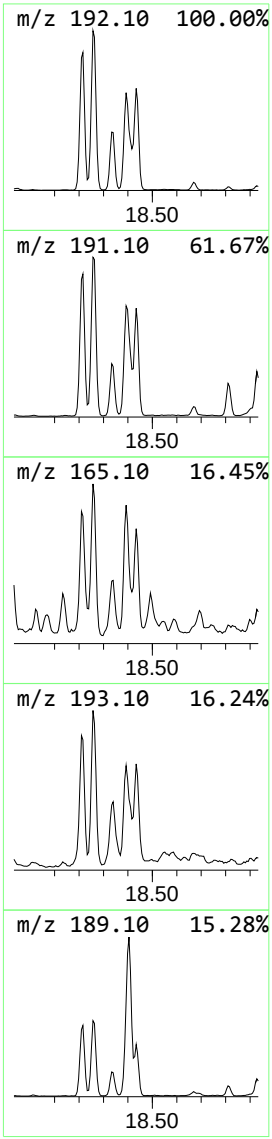
****

Peak Number 14 Anthracene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.434	11.20 ng	1453010	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91





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ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
18-B3(4-6)

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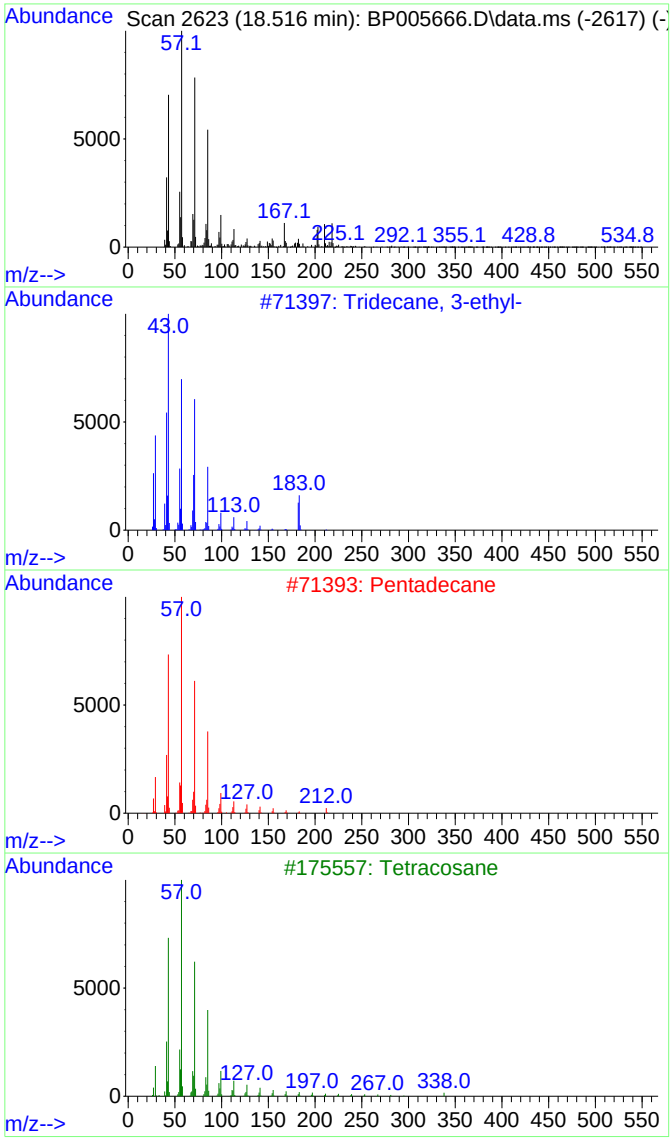
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

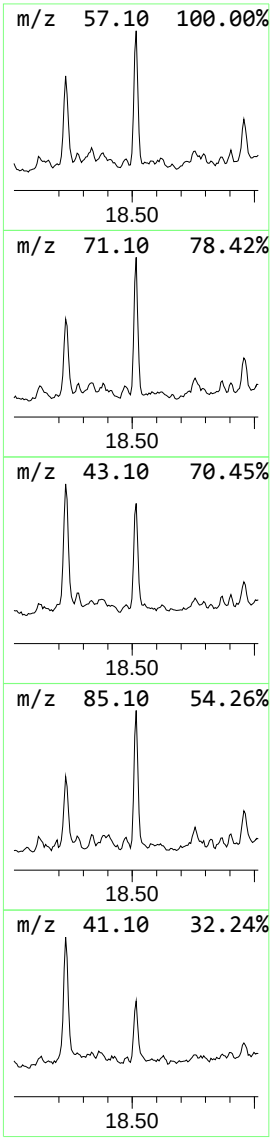
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Tridecane, 3-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.516	7.65 ng	992604	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-ethyl-	212	C15H32	013286-73-2	76
2	Pentadecane	212	C15H32	000629-62-9	68
3	Tetracosane	338	C24H50	000646-31-1	68
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	64
5	Eicosane	282	C20H42	000112-95-8	64





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ALS Vial : 4 Sample Multiplier: 1

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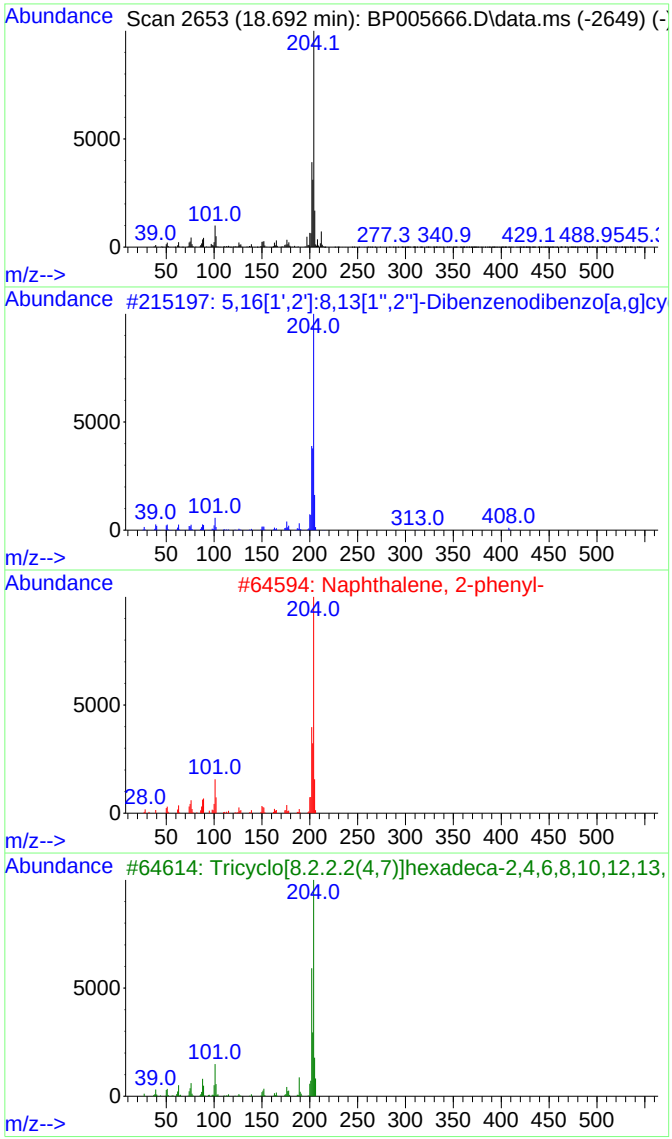
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

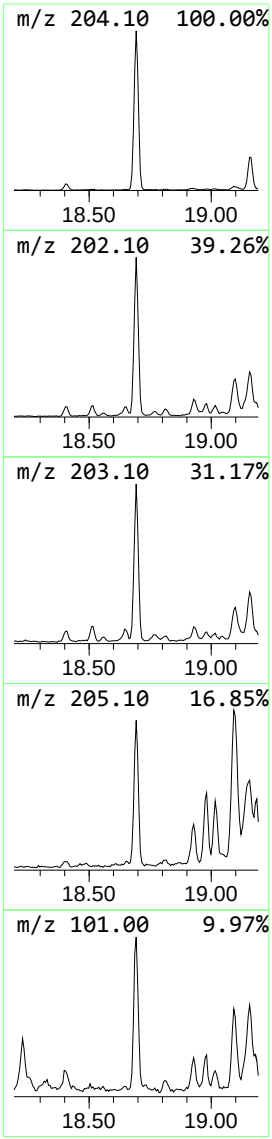
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.692	8.70 ng	1128950	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	70
5	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	50





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Sample : M2580-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B3(4-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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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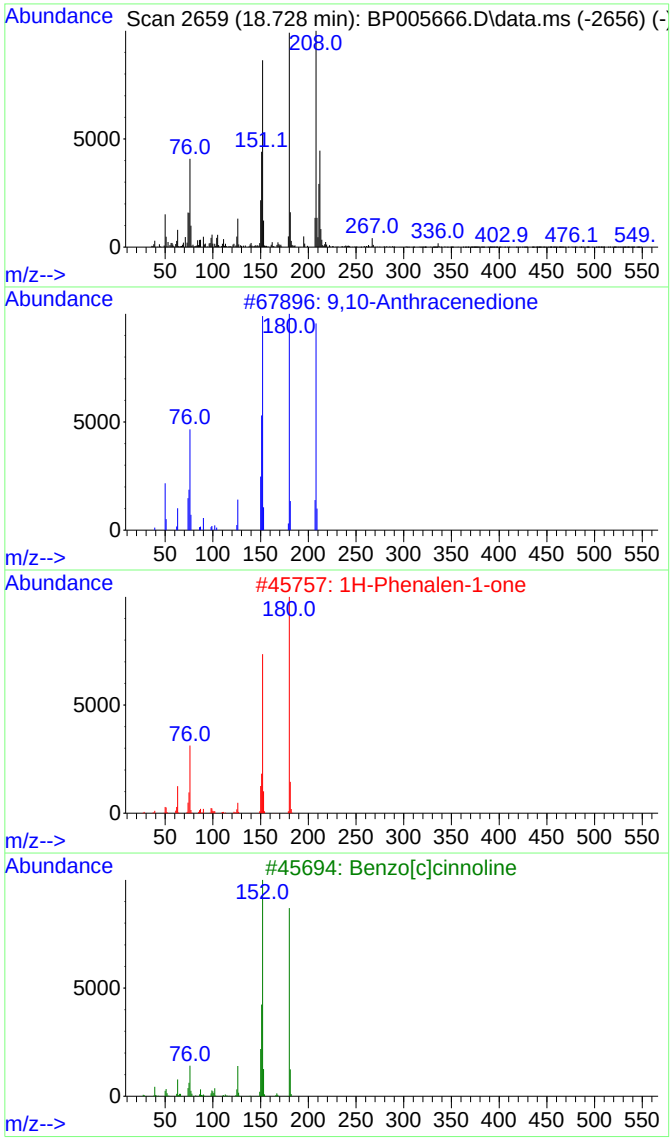
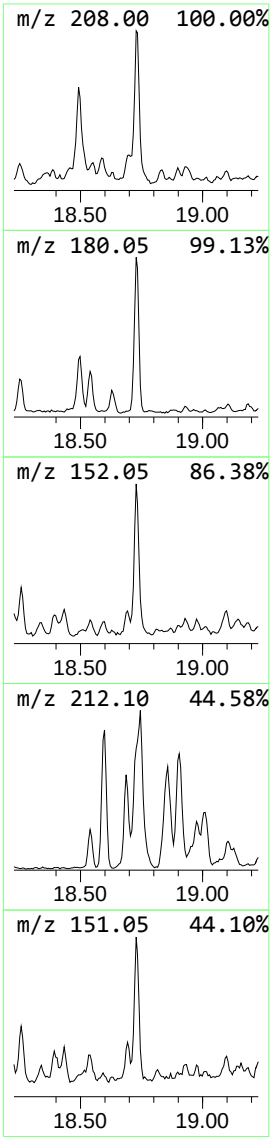
Peak Number 17 9,10-Anthracenedione Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.728	7.33 ng	950642	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	1H-Phenalen-1-one	180	C13H8O	000548-39-0	70
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	50
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005666.D
Acq On : 02 Jun 2021 15:32
Operator : CG/JU
Sample : M2580-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B3(4-6)

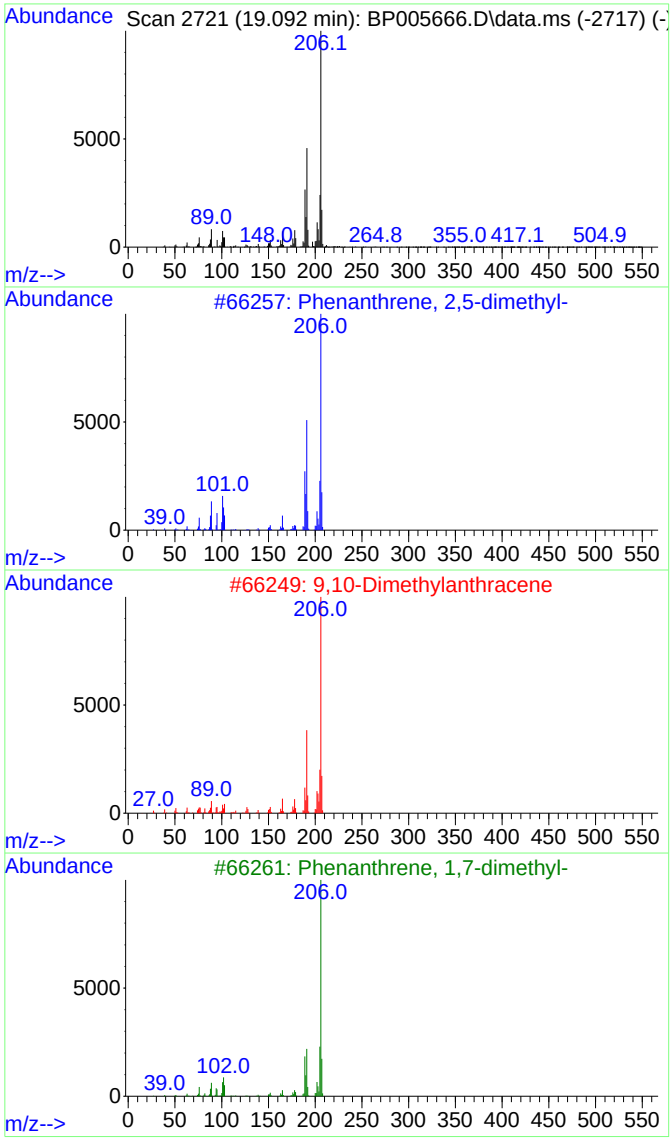
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

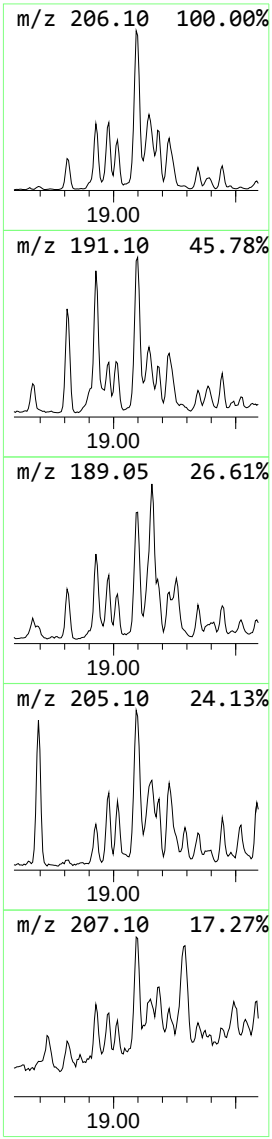
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.092	9.30 ng	1206150	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005666.D
Acq On : 02 Jun 2021 15:32
Operator : CG/JU
Sample : M2580-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B3(4-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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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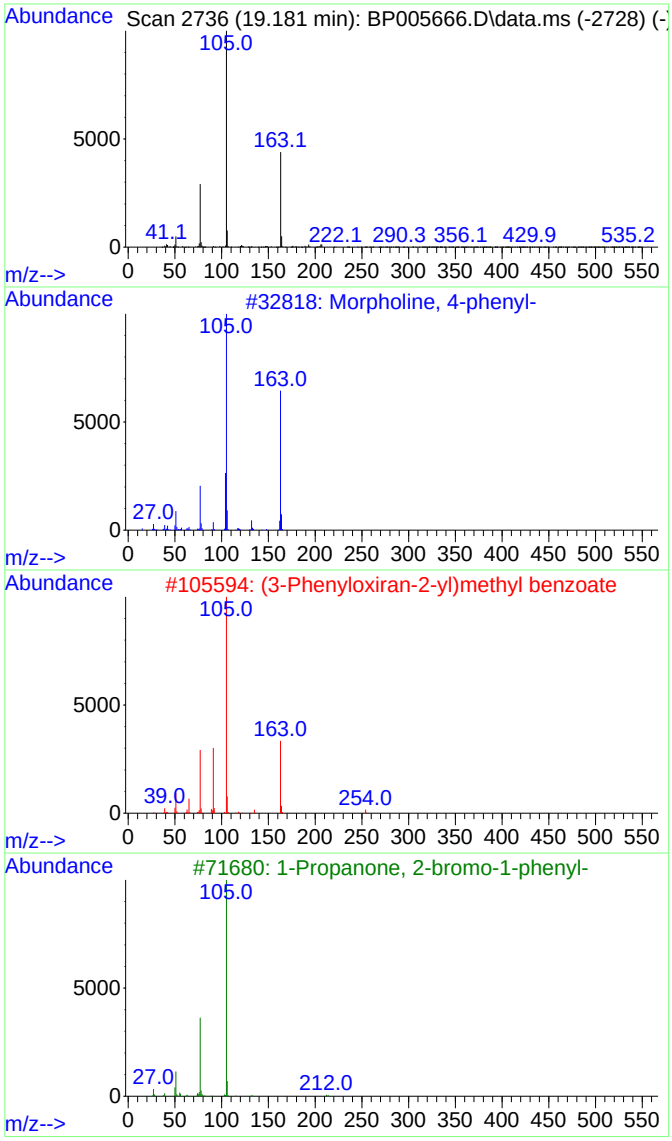
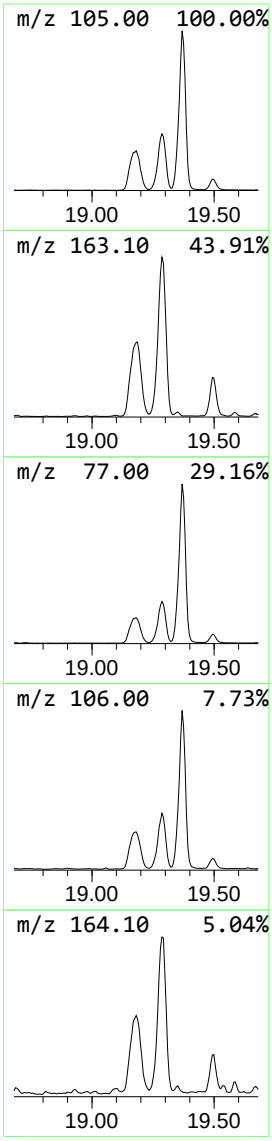
Peak Number 19 Morpholine, 4-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.181	47.41 ng	6149400	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Morpholine, 4-phenyl-	163	C10H13NO	000092-53-5	56
2	(3-Phenyloxiran-2-yl)methyl benz...	254	C16H14O3	1000366-96-1	43
3	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	35
4	3-(Benzoylthio)-2-methylpropanoi...	224	C11H12O3S	067714-34-5	35
5	Benzoic acid, 2-propenyl ester	162	C10H10O2	000583-04-0	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005666.D
Acq On : 02 Jun 2021 15:32
Operator : CG/JU
Sample : M2580-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B3(4-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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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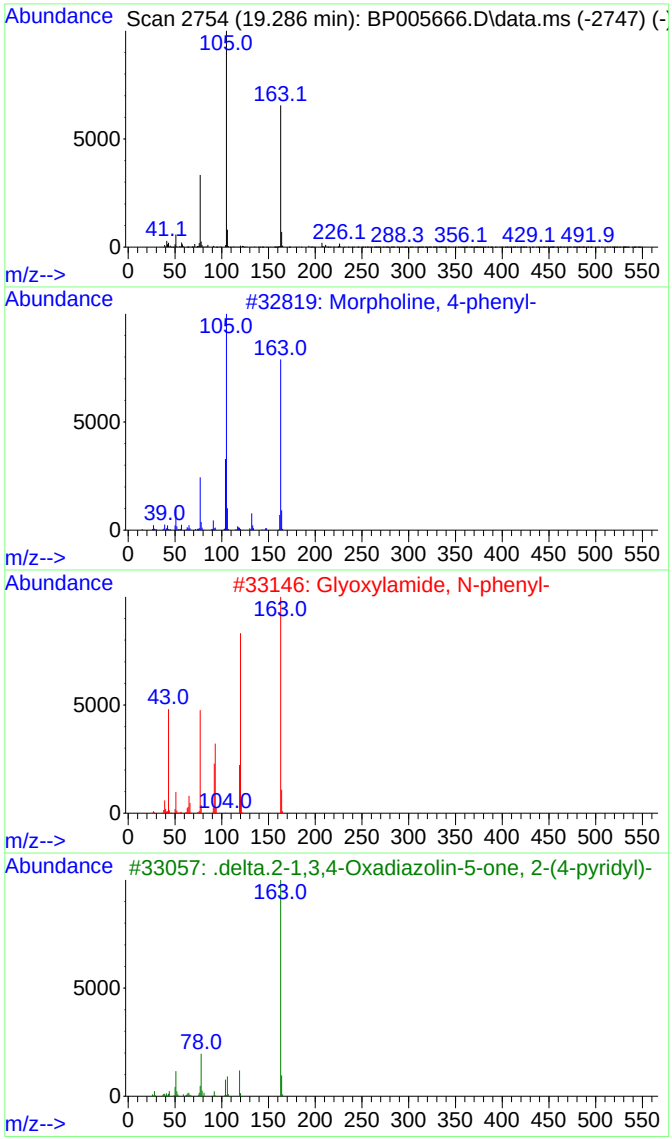
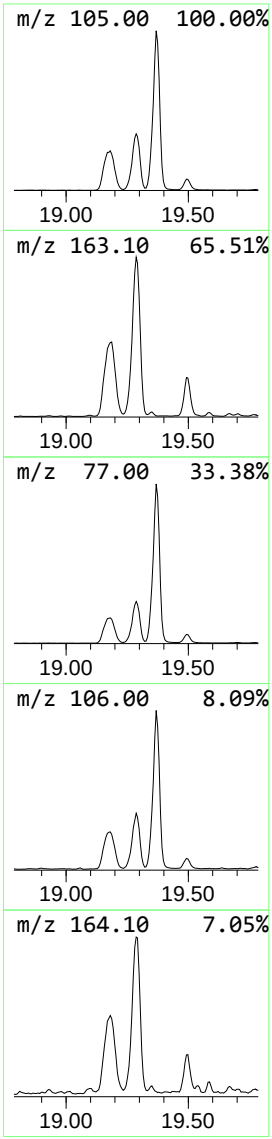
Peak Number 20 unknown19.28 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.287	60.05 ng	7789170	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Morpholine, 4-phenyl-	163	C10H13NO	000092-53-5	50
2	Glyoxylamide, N-phenyl-	163	C9H9NO2	032331-52-5	47
3	.delta.2-1,3,4-Oxadiazolin-5-one...	163	C7H5N3O2	002845-82-1	32
4	Benzamide, N-benzoyl-N-(2-triflu...	369	C21H14F3NO2	1000262-58-9	27
5	Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005666.D
Acq On : 02 Jun 2021 15:32
Operator : CG/JU
Sample : M2580-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B3(4-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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-metho...	3.117	21.8	ng	1883650	1	7.987	1730350	20.0
3-Penten-2-one,...	4.475	123.5	ng	10687300	1	7.987	1730350	20.0
2-Pentanone, 4-...	5.093	162.2	ng	14036900	1	7.987	1730350	20.0
unknown10.62	10.622	8.9	ng	1017750	2	10.793	2277130	20.0
Heptadecane, 2,...	14.510	8.5	ng	1072860	3	14.610	2521780	20.0
Octadecanoic acid	15.281	70.3	ng	8870580	3	14.610	2521780	20.0
Tetradecane	16.316	8.4	ng	1090190	4	17.351	2594180	20.0
Hexadecane, 7-m...	17.110	8.9	ng	1156510	4	17.351	2594180	20.0
Dibenzothiophene	17.169	14.3	ng	1850180	4	17.351	2594180	20.0
Phenanthrene, 1...	18.216	31.6	ng	4094840	4	17.351	2594180	20.0
Phenanthrene, 2...	18.257	22.9	ng	2974860	4	17.351	2594180	20.0
1H-Cyclopropa[l...	18.334	7.6	ng	981552	4	17.351	2594180	20.0
4H-Cyclopenta[d...	18.398	27.0	ng	3498230	4	17.351	2594180	20.0
Anthracene, 2-m...	18.434	11.2	ng	1453010	4	17.351	2594180	20.0
Tridecane, 3-et...	18.516	7.7	ng	992604	4	17.351	2594180	20.0
5,16[1',2']:8,1...	18.692	8.7	ng	1128950	4	17.351	2594180	20.0
9,10-Anthracene...	18.728	7.3	ng	950642	4	17.351	2594180	20.0
Phenanthrene, 2...	19.092	9.3	ng	1206150	4	17.351	2594180	20.0
Morpholine, 4-p...	19.181	47.4	ng	6149400	4	17.351	2594180	20.0
unknown19.28	19.287	60.0	ng	7789170	4	17.351	2594180	20.0