LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005673.D
Acq On : 02 Jun 2021 19:30
Operator : CG/JU
Sample : M2580-15 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B5(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: BP005673.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	558027	573800	3.10%	0.210%
2	3.405	50	54	62	rBV	193782	242854	1.31%	0.089%
3	5.552	412	419	427	rBV	1351984	1975652	10.66%	0.723%
4	5.969	481	490	500	rBV	225756	384755	2.08%	0.141%
5	7.152	683	691	700	rBV	1384521	2296509	12.39%	0.840%
6	7.993	825	834	841	rBV	1102764	1832944	9.89%	0.671%
7	8.757	958	964	969	rBV	154548	261546	1.41%	0.096%
8	9.152	1025	1031	1038	rVV	849212	1360354	7.34%	0.498%
9	9.228	1039	1044	1055	rVB2	148016	269657	1.46%	0.099%
10	9.581	1096	1104	1108	rBV	132510	206208	1.11%	0.075%
11	10.204	1204	1210	1217	rBV6	73920	189877	1.02%	0.069%
12	10.798	1301	1311	1316	rBV	1433126	2714459	14.65%	0.993%
13	10.846	1316	1319	1327	rVB	543451	891633	4.81%	0.326%
14	11.822	1480	1485	1490	rBV	106553	185546	1.00%	0.068%
15	12.216	1543	1552	1558	rBV	299645	481853	2.60%	0.176%
16	12.451	1583	1592	1597	rVB	435006	698414	3.77%	0.256%
17	12.669	1623	1629	1633	rBV	326013	524772	2.83%	0.192%
18	13.163	1708	1713	1718	rVB	174389	257085	1.39%	0.094%
19	13.240	1720	1726	1737	rVB	2575819	3716778	20.06%	1.360%
20	13.445	1751	1761	1768	rBV2	602678	977781	5.28%	0.358%
21	13.781	1811	1818	1832	rBV	301997	914852	4.94%	0.335%
22	13.940	1839	1845	1850	rBV	472185	844122	4.56%	0.309%
23	13.992	1850	1854	1859	rVB	344692	524580	2.83%	0.192%
24	14.069	1859	1867	1869	rBV2	253732	442302	2.39%	0.162%
25	14.098	1869	1872	1876	rVB	285094	357048	1.93%	0.131%
26	14.169	1881	1884	1888	rVV	218302	362690	1.96%	0.133%
27	14.339	1908	1913	1918	rBV	191404	283196	1.53%	0.104%
28	14.451	1928	1932	1937	rVB6	116648	193119	1.04%	0.071%
29	14.510	1937	1942	1948	rBV	786259	1057155	5.71%	0.387%
30	14.616	1951	1960	1966	rVV	2209873	3663544	19.77%	1.340%
31	14.675	1966	1970	1978	rVB	1219885	1828468	9.87%	0.669%
32	14.822	1989	1995	2004	rBV	143247	399052	2.15%	0.146%
33	15.010	2022	2027	2033	rVB	1289353	1863234	10.06%	0.682%
34	15.086	2034	2040	2044	rBV	258488	393677	2.12%	0.144%
35	15.128	2044	2047	2052	rVV3	131904	205578	1.11%	0.075%
36	15.228	2060	2064	2069	rBV3	203495	346024	1.87%	0.127%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005673.D
Acq On : 02 Jun 2021 19:30
Operator : CG/JU
Sample : M2580-15 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B5(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	15.281	2069	2073	2078	rVB	236826	341883	1.85%	0.125%
38	15.457	2100	2103	2108	rVB	931846	1091097	5.89%	0.399%
39	15.657	2131	2137	2142	rBV	1475056	2246022	12.12%	0.822%
40	15.781	2155	2158	2161	rVV2	185979	234368	1.26%	0.086%
41	15.822	2161	2165	2168	rVV2	230210	328035	1.77%	0.120%
42	15.863	2168	2172	2176	rVB	427502	608964	3.29%	0.223%
43	15.951	2182	2187	2194	rVB	527357	961511	5.19%	0.352%
44	16.016	2194	2198	2204	rBV5	117069	294524	1.59%	0.108%
45	16.098	2205	2212	2219	rVV	2615095	4213272	22.74%	1.542%
46	16.163	2219	2223	2233	rVB5	146270	450545	2.43%	0.165%
47	16.322	2245	2250	2252	rBV	1144167	1610512	8.69%	0.589%
48	16.439	2266	2270	2272	rBV2	129012	203862	1.10%	0.075%
49	16.663	2305	2308	2311	rVB4	249393	309324	1.67%	0.113%
50	16.704	2311	2315	2321	rVB5	324075	486834	2.63%	0.178%
51	16.892	2344	2347	2350	rBV2	212021	258873	1.40%	0.095%
52	16.928	2350	2353	2356	rVV2	227083	317122	1.71%	0.116%
53	16.957	2356	2358	2362	rVB	429068	447435	2.41%	0.164%
54	17.010	2363	2367	2374	rVB4	451442	954570	5.15%	0.349%
55	17.116	2377	2385	2389	rVV2	1131751	1761693	9.51%	0.645%
56	17.169	2390	2394	2404	rVB2	1171067	1984669	10.71%	0.726%
57	17.357	2421	2426	2429	rBV	2634256	3802597	20.52%	1.391%
58	17.404	2429	2434	2440	rVV	11332956	16710815	90.19%	6.114%
59	17.492	2444	2449	2454	rVB	3162661	4440999	23.97%	1.625%
60	17.551	2454	2459	2463	rBV2	329468	550257	2.97%	0.201%
61	17.757	2490	2494	2506	rVB	879832	1604017	8.66%	0.587%
62	17.851	2506	2510	2517	rVV2	1110941	1497579	8.08%	0.548%
63	17.933	2521	2524	2533	rVB3	306471	551542	2.98%	0.202%
64	18.222	2568	2573	2574	rBV	1337197	1658840	8.95%	0.607%
65	18.239	2574	2576	2578	rVV	1831770	2260071	12.20%	0.827%
66	18.263	2578	2580	2586	rVV	1915685	2559093	13.81%	0.936%
67	18.345	2590	2594	2599	rVV	766216	1152630	6.22%	0.422%
68	18.410	2599	2605	2608	rVV2	1790073	3286830	17.74%	1.203%
69	18.439	2608	2610	2615	rVB	881574	1032638	5.57%	0.378%
70	18.522	2620	2624	2628	rBV	1778805	2025550	10.93%	0.741%
71	18.698	2650	2654	2658	rBV	955691	1215600	6.56%	0.445%
72	18.939	2692	2695	2697	rBV	334901	386591	2.09%	0.141%
73	19.063	2713	2716	2719	rBV2	514517	697209	3.76%	0.255%
74	19.127	2720	2727	2731	rVV2	2905890	4155743	22.43%	1.521%
75	19.245	2744	2747	2751	rBV2	527734	690744	3.73%	0.253%
76	19.369	2762	2768	2773	rBV	13576042	18527974	100.00%	6.779%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005673.D
Acq On : 02 Jun 2021 19:30
Operator : CG/JU
Sample : M2580-15 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B5(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	19.463	2779	2784	2793	rBV4	946830	2023040	10.92%	0.740%
78	19.680	2817	2821	2823	rBV3	6681118	8284258	44.71%	3.031%
79	19.716	2823	2827	2833	rVB	10912648	15575062	84.06%	5.699%
80	19.898	2854	2858	2862	rVB	4954181	6274735	33.87%	2.296%
81	20.016	2874	2878	2880	rBV	920869	1380792	7.45%	0.505%
82	20.198	2904	2909	2913	rVB2	6940566	8951521	48.31%	3.275%
83	20.286	2921	2924	2927	rVB	910205	976817	5.27%	0.357%
84	20.680	2987	2991	2995	rBV	7461493	8636653	46.61%	3.160%
85	20.916	3028	3031	3036	rBV	990695	1164909	6.29%	0.426%
86	21.133	3062	3068	3072	rBV3	8073076	12122306	65.43%	4.435%
87	21.327	3099	3101	3107	rVB	1664685	2192985	11.84%	0.802%
88	21.416	3111	3116	3122	rVV3	8163396	16838602	90.88%	6.161%
89	21.469	3122	3125	3134	rVB	5852315	7936942	42.84%	2.904%
90	21.574	3139	3143	3146	rBV	6734608	8853675	47.79%	3.239%
91	21.657	3154	3157	3161	rVB	1916525	2273039	12.27%	0.832%
92	22.039	3219	3222	3233	rVB	5803997	8906094	48.07%	3.259%
93	22.551	3305	3309	3316	rBV	4246014	6369118	34.38%	2.330%
94	23.127	3401	3407	3414	rBV2	5902644	15611908	84.26%	5.712%
95	23.668	3495	3499	3508	rVB	2501019	5098630	27.52%	1.866%
96	23.774	3511	3517	3526	rVB2	5920153	12203511	65.87%	4.465%

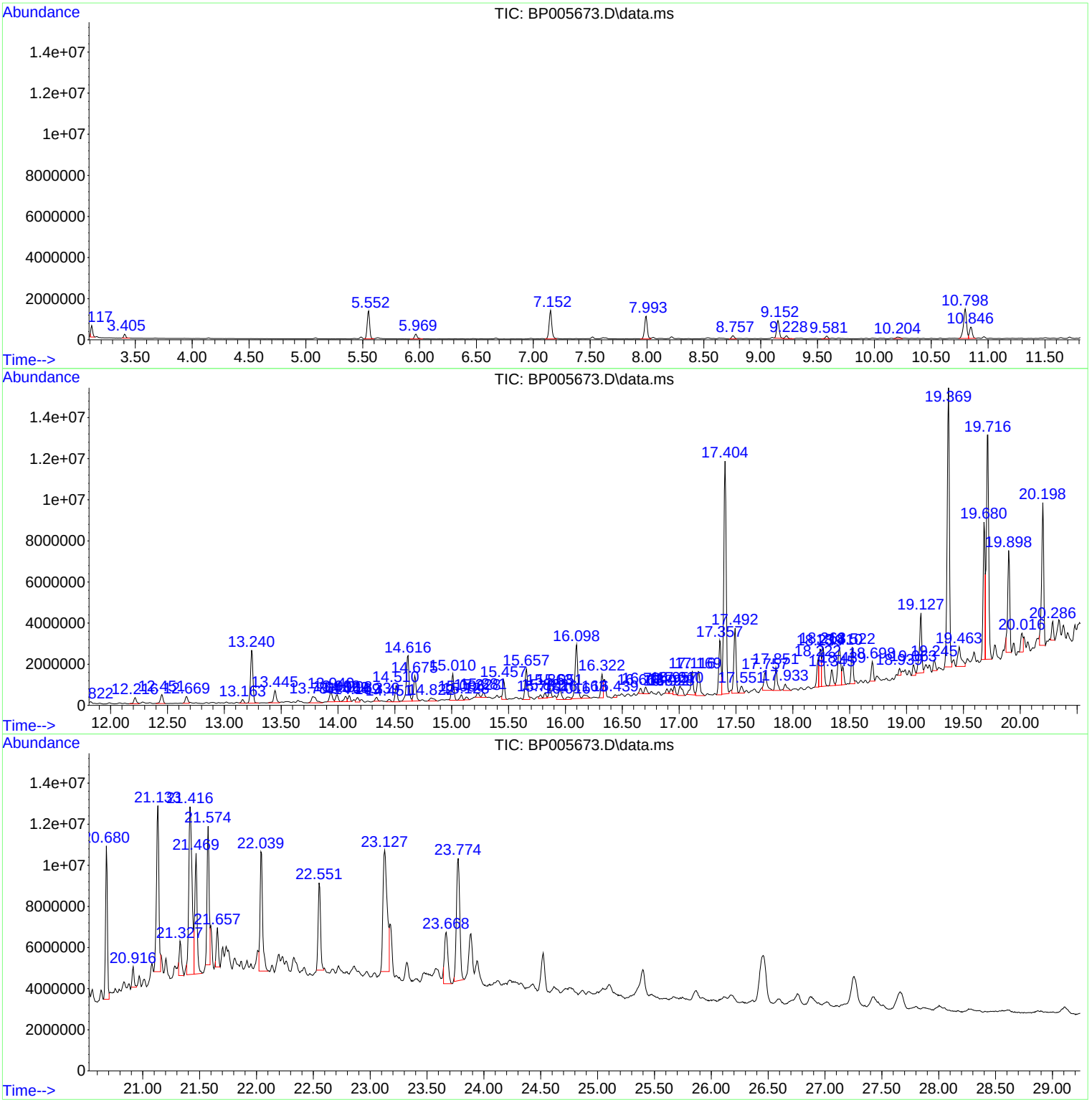
Sum of corrected areas: 273308149

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005673.D
Acq On : 02 Jun 2021 19:30
Operator : CG/JU
Sample : M2580-15 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B5(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 : BP005673.D
Acq On : 02 Jun 2021 19:30
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Sample : M2580-15 2X
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Instrument :
BNA_P
ClientSampleId :
18-B5(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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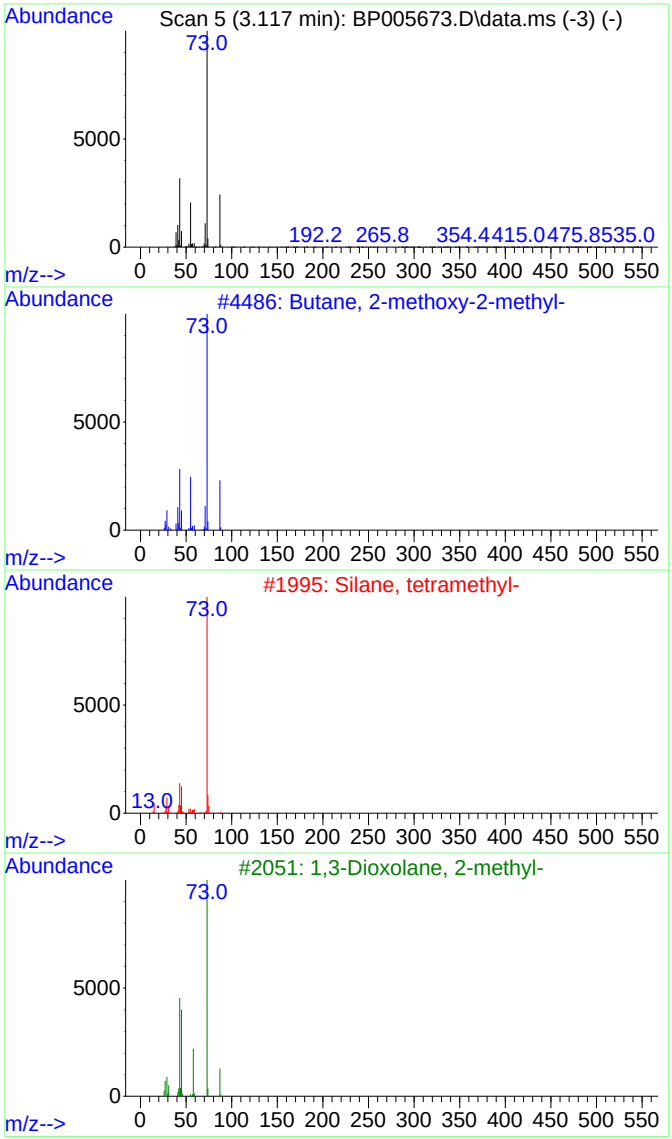
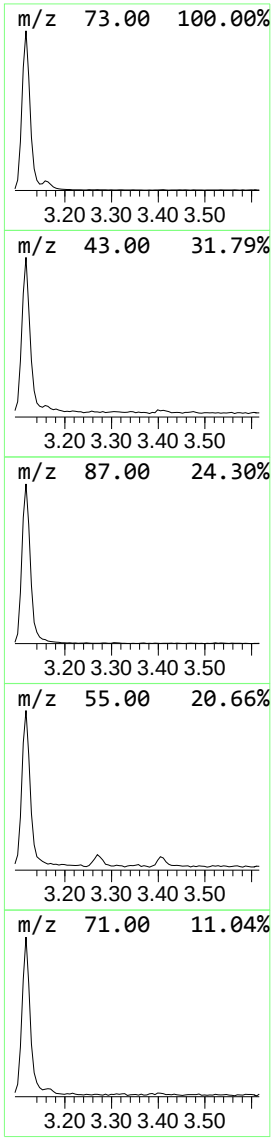
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.117	6.26 ng	573800	1,4-Dichlorobenzene-d4	7.993

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
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 : BP005673.D
Acq On : 02 Jun 2021 19:30
Operator : CG/JU
Sample : M2580-15 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B5(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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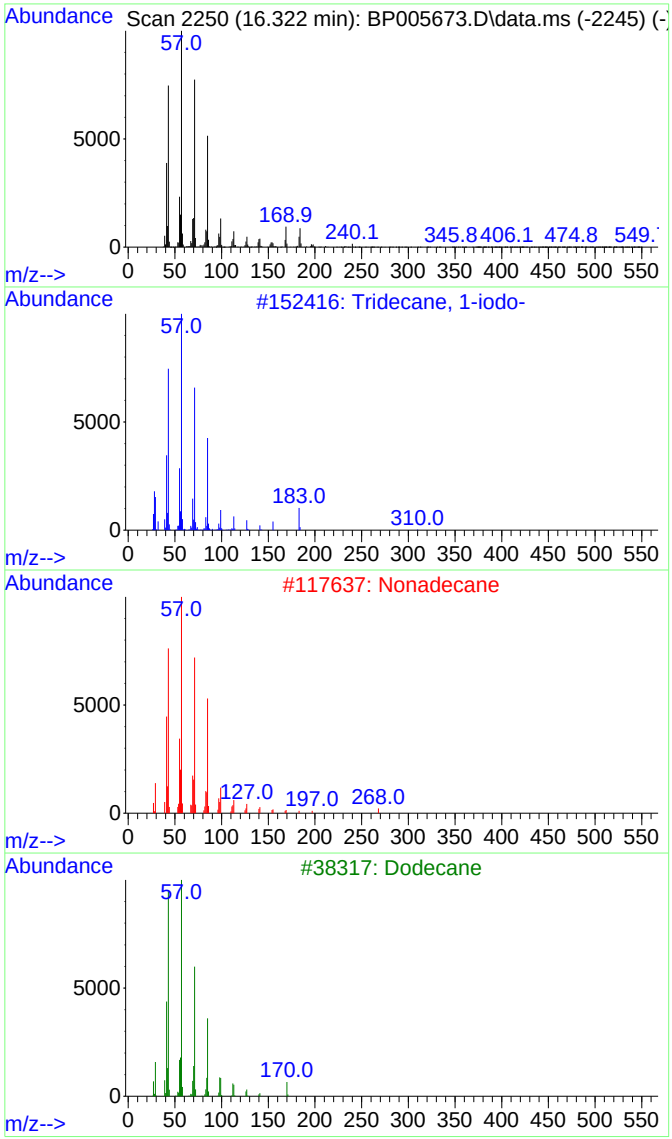
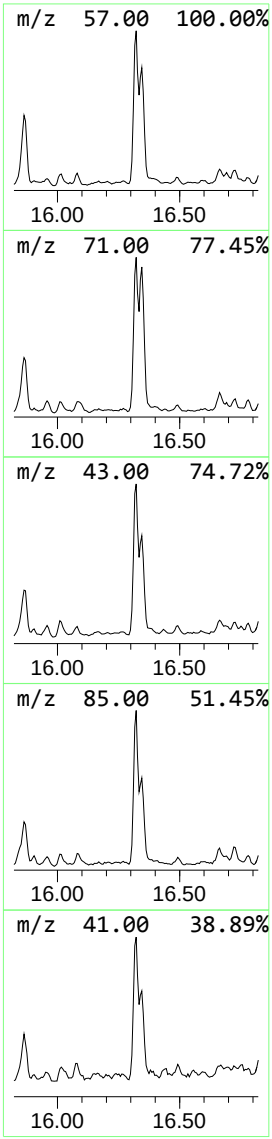
Peak Number 2 Tridecane, 1-iodo- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.322	8.47 ng	1610510	Phenanthrene-d10	17.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
2	Nonadecane	268	C19H40	000629-92-5	87
3	Dodecane	170	C12H26	000112-40-3	87
4	Tetracosane	338	C24H50	000646-31-1	83
5	Tetradecane	198	C14H30	000629-59-4	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005673.D
Acq On : 02 Jun 2021 19:30
Operator : CG/JU
Sample : M2580-15 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B5(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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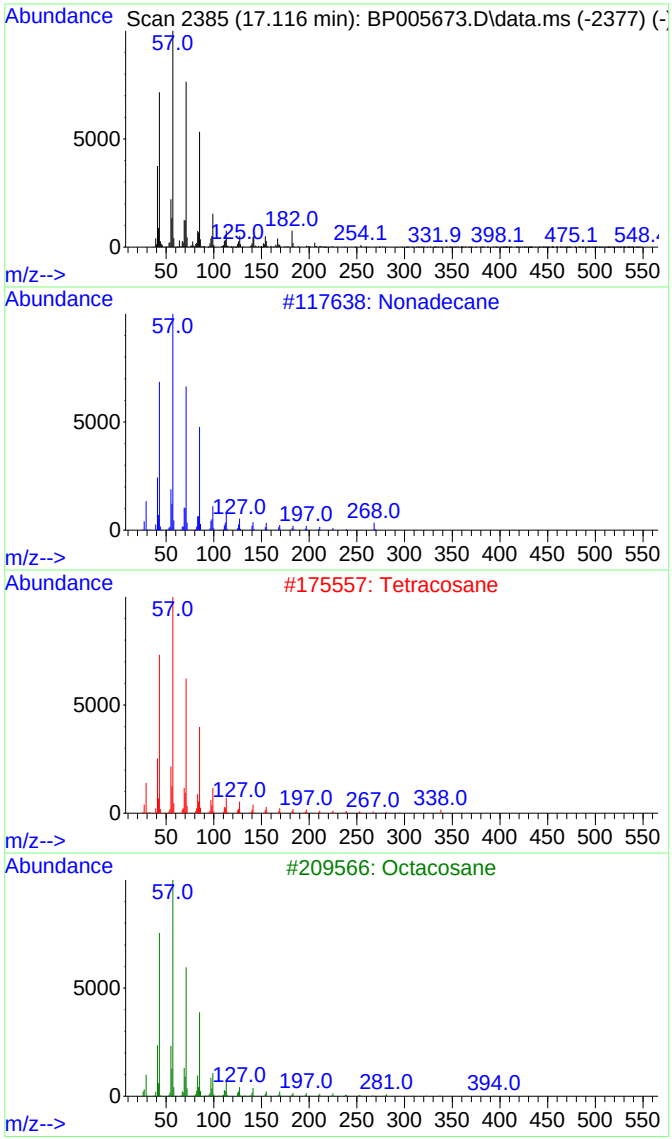
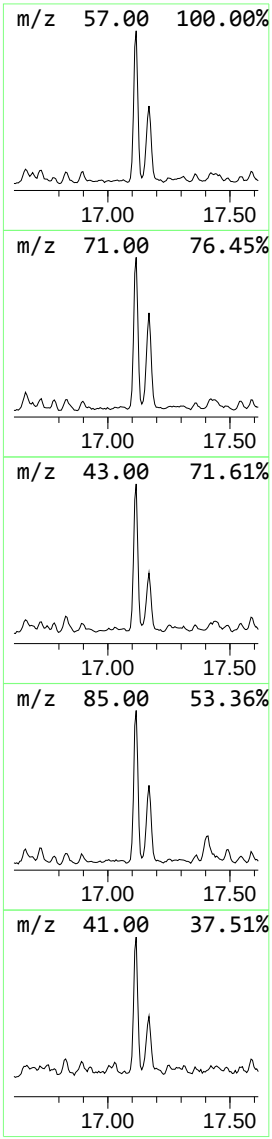
Peak Number 3 Nonadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.116	9.27 ng	1761690	Phenanthrene-d10	17.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	83
2	Tetracosane	338	C24H50	000646-31-1	83
3	Octacosane	394	C28H58	000630-02-4	83
4	Tetradecane	198	C14H30	000629-59-4	83
5	Octadecane	254	C18H38	000593-45-3	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005673.D
Acq On : 02 Jun 2021 19:30
Operator : CG/JU
Sample : M2580-15 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B5(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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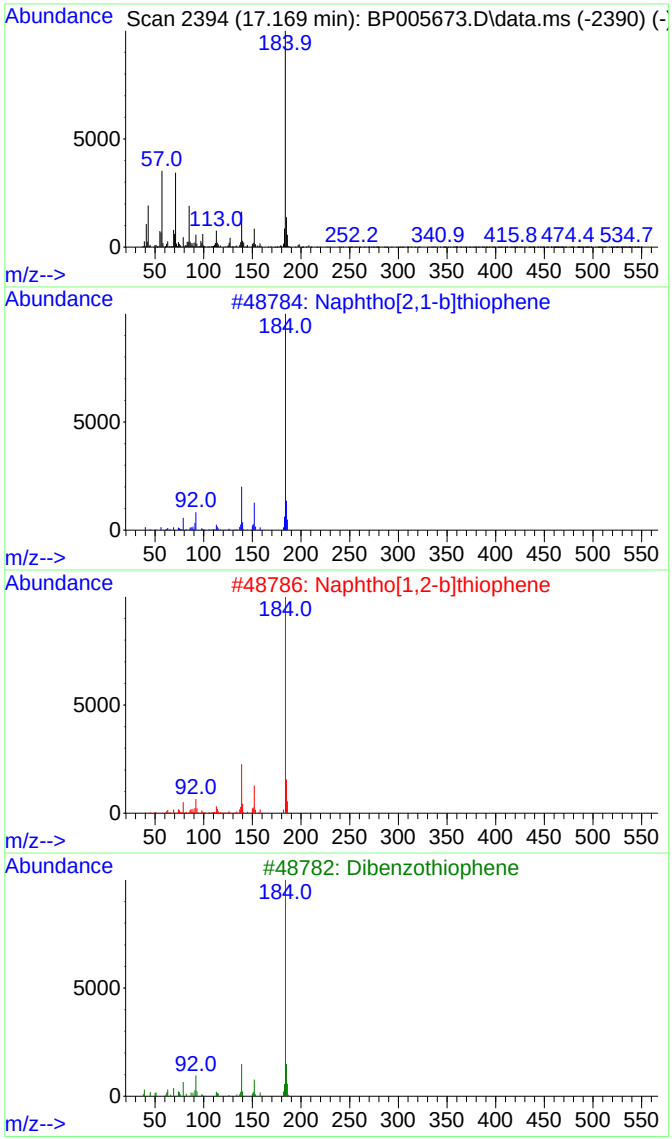
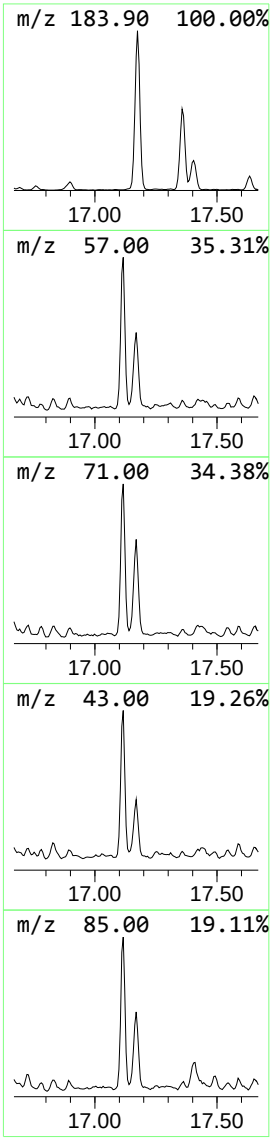
Peak Number 4 Naphtho[2,1-b]thiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.169	10.44 ng	1984670	Phenanthrene-d10	17.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	93
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	91
3	Dibenzothiophene	184	C12H8S	000132-65-0	86
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	83
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005673.D
Acq On : 02 Jun 2021 19:30
Operator : CG/JU
Sample : M2580-15 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B5(4-6)

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

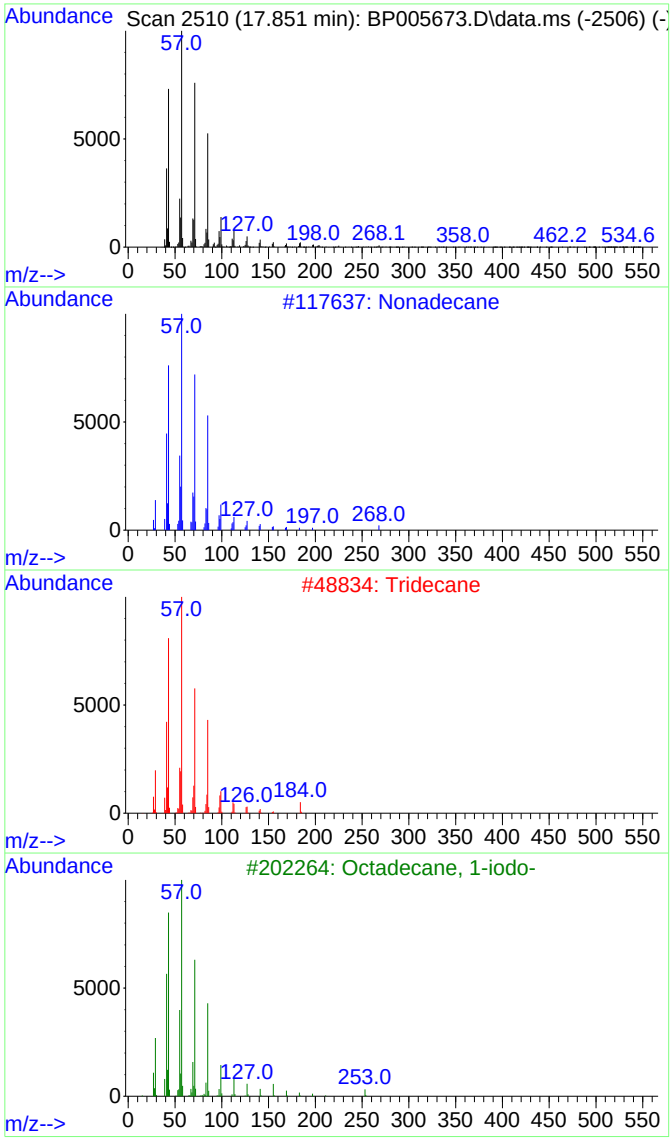
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

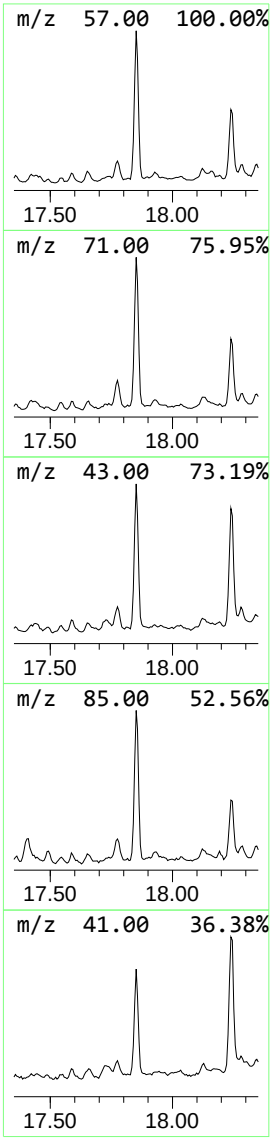
****

Peak Number 5 Tridecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.851	7.88 ng	1497580	Phenanthrene-d10	17.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Tridecane	184	C13H28	000629-50-5	91
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	91
4	Pentadecane	212	C15H32	000629-62-9	91
5	Tetradecane	198	C14H30	000629-59-4	91





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Acq On : 02 Jun 2021 19:30
Operator : CG/JU
Sample : M2580-15 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B5(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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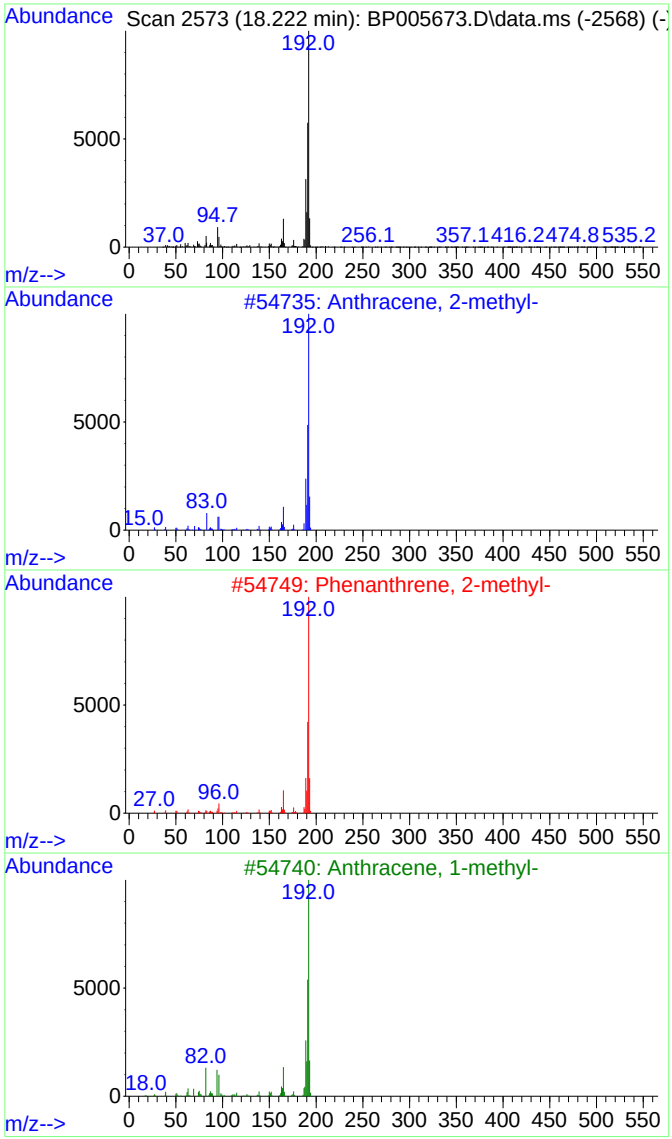
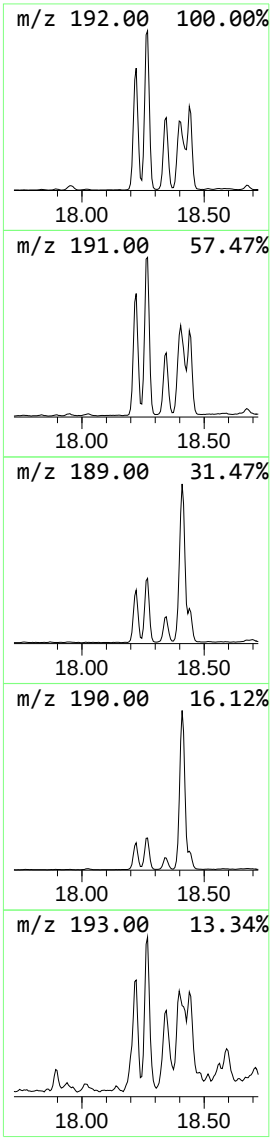
Peak Number 6 Anthracene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.222	8.72 ng	1658840	Phenanthrene-d10	17.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90





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Operator : CG/JU
Sample : M2580-15 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B5(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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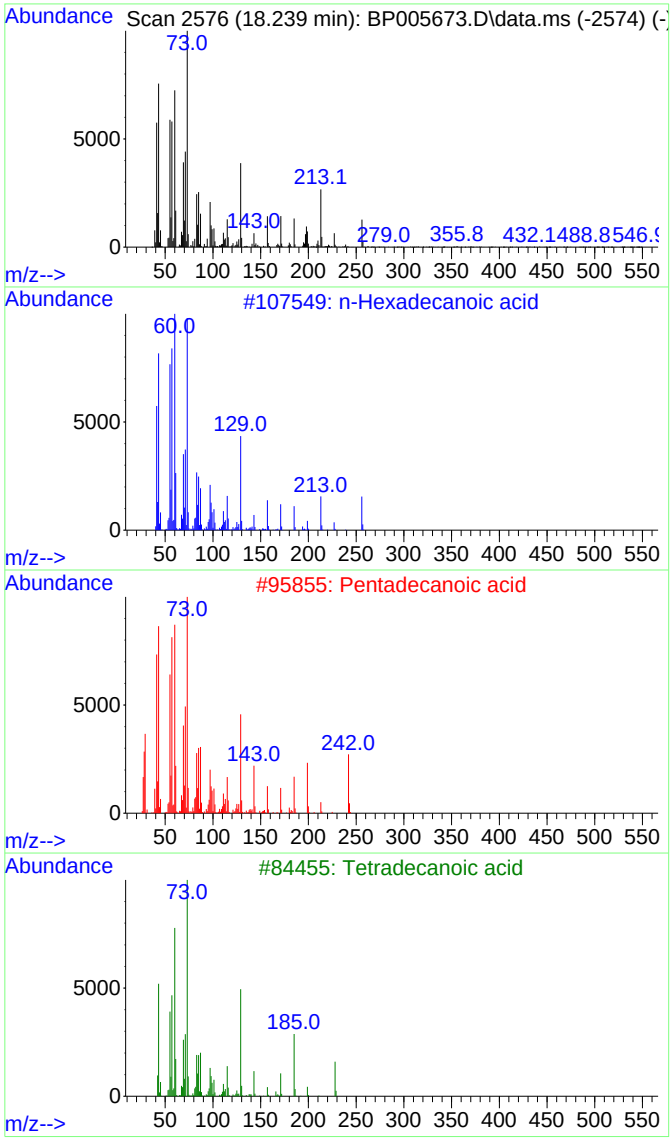
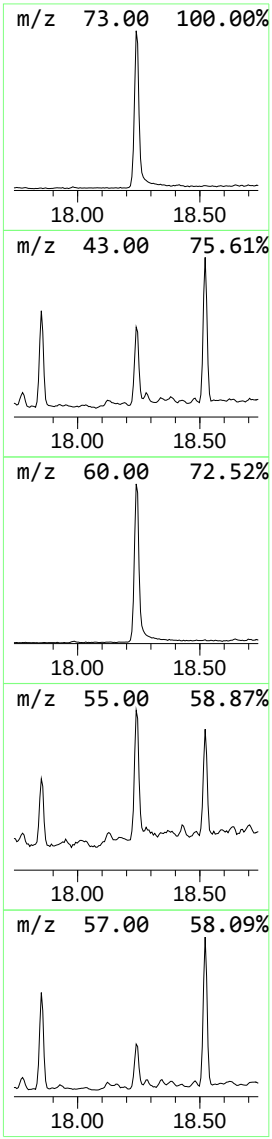
Peak Number 7 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.239	11.89 ng	2260070	Phenanthrene-d10	17.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	78
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	Octadecanoic acid	284	C18H36O2	000057-11-4	60





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B5(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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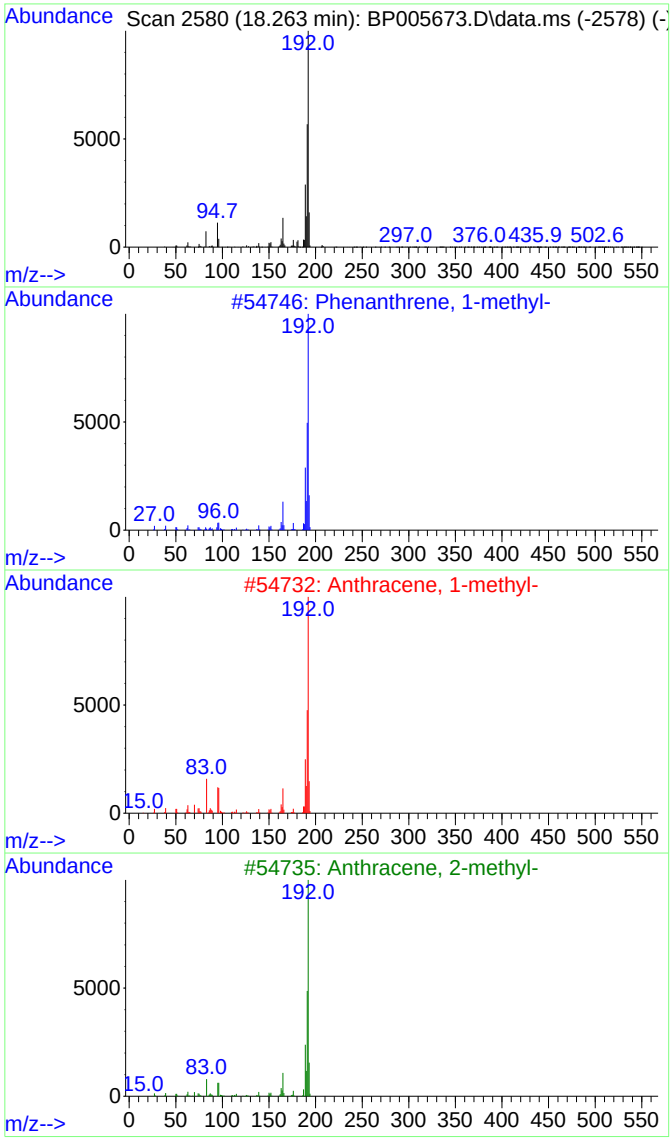
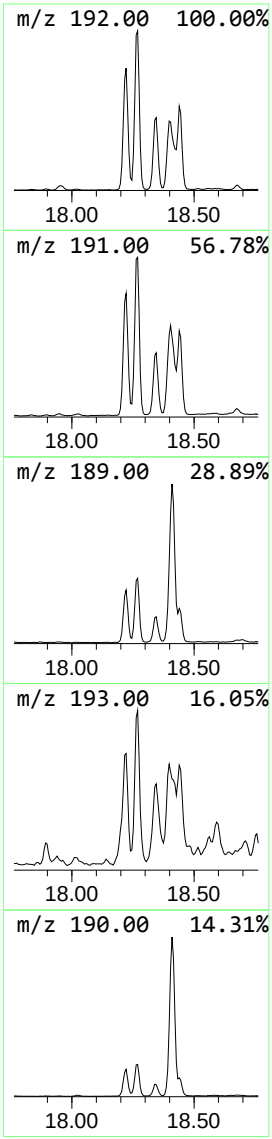
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.263	13.46 ng	2559090	Phenanthrene-d10	17.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93





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Acq On : 02 Jun 2021 19:30
Operator : CG/JU
Sample : M2580-15 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B5(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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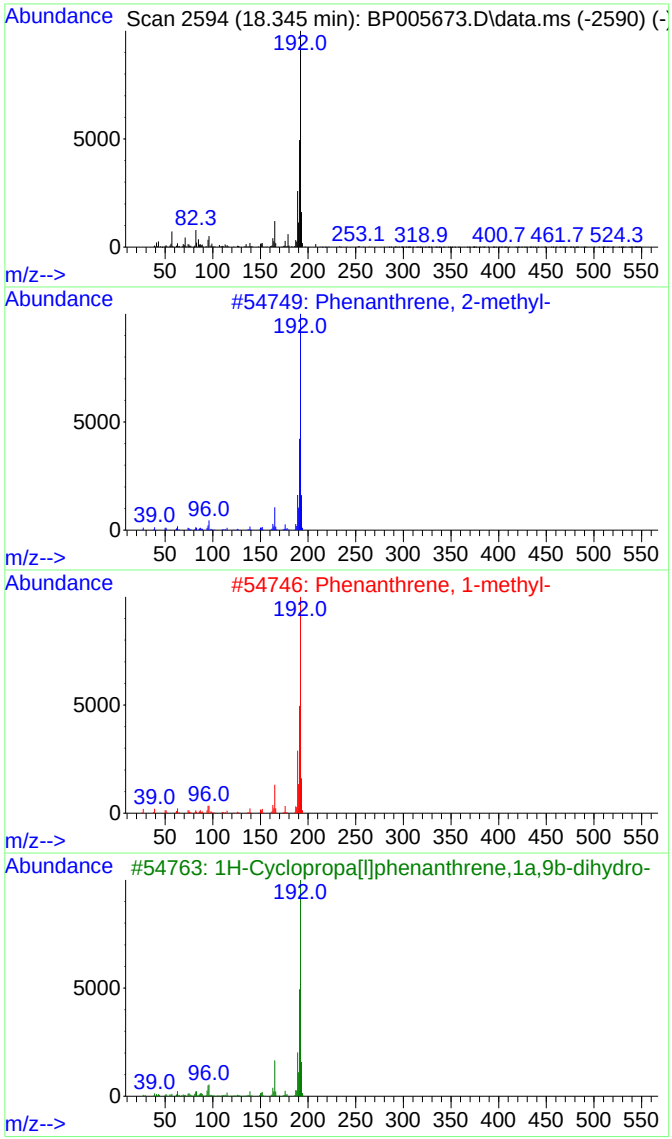
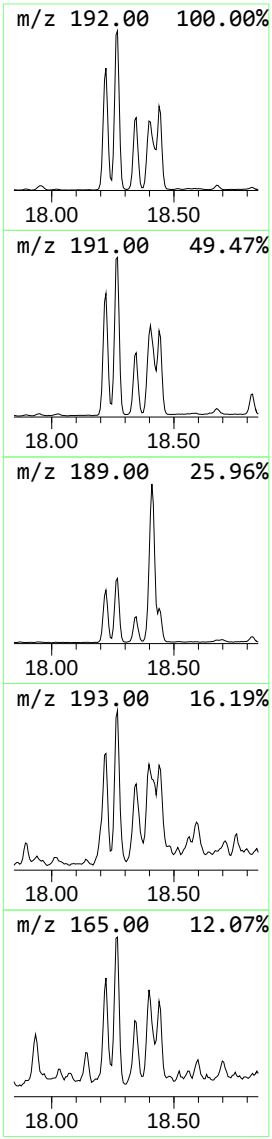
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.345	6.06 ng	1152630	Phenanthrene-d10	17.357

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	97
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





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Sample : M2580-15 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B5(4-6)

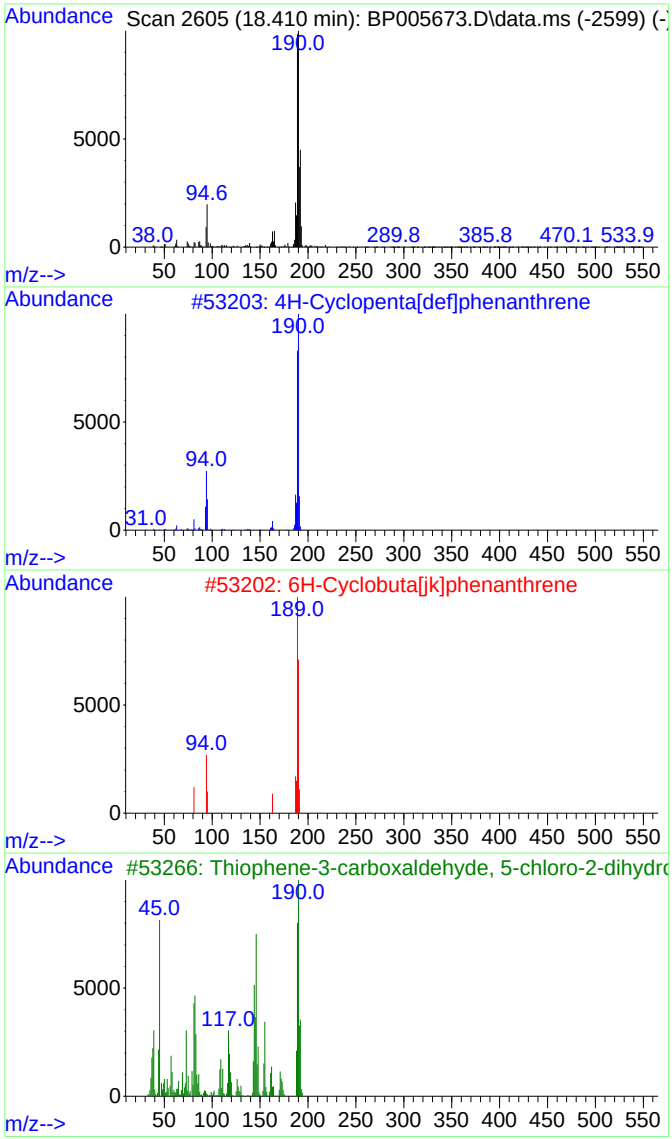
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

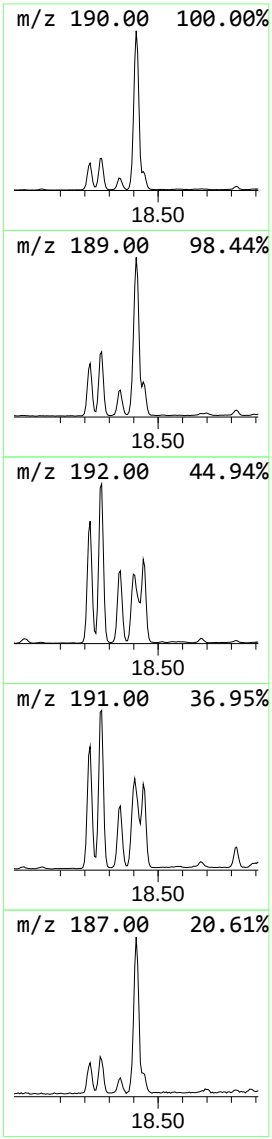
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.410	17.29 ng	3286830	Phenanthrene-d10	17.357

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	59
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
5	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40





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Sample : M2580-15 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
18-B5(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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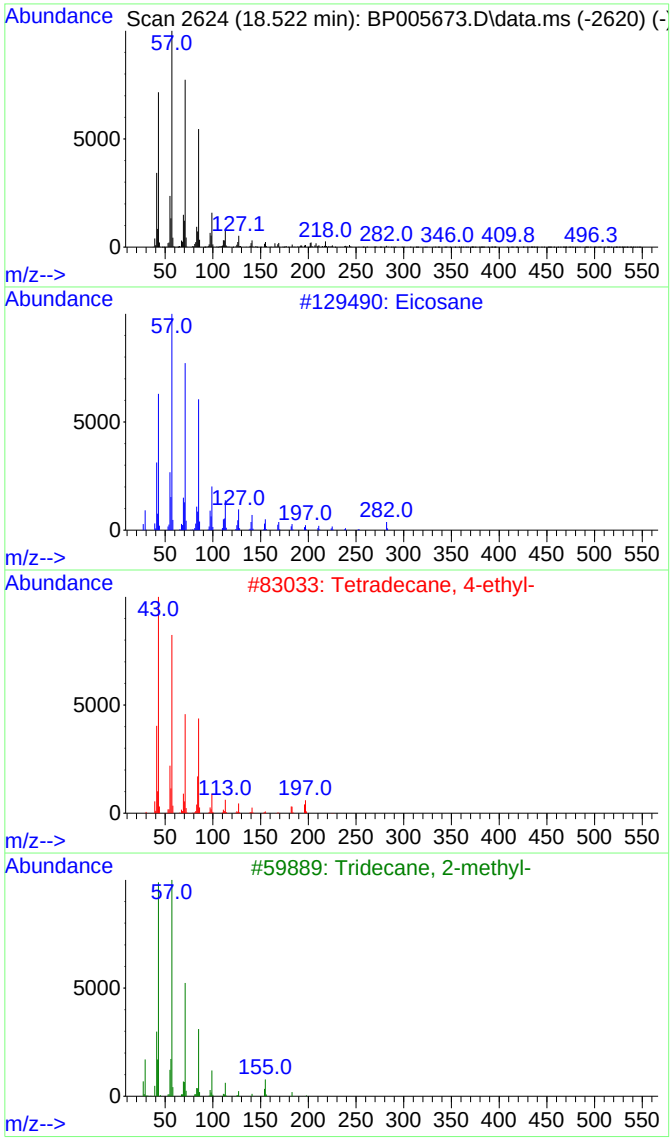
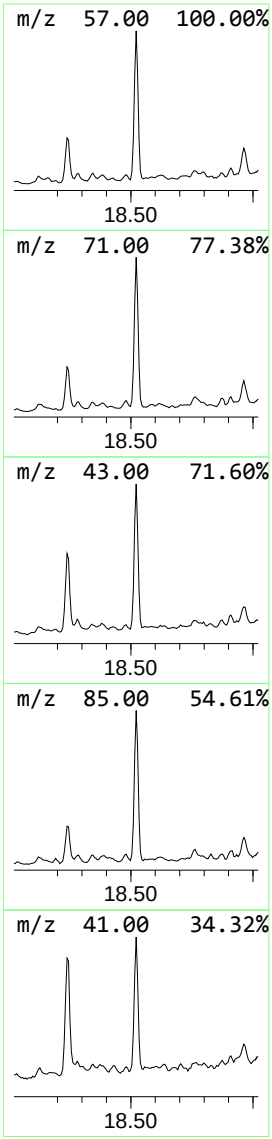
Peak Number 11 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.522	10.65 ng	2025550	Phenanthrene-d10	17.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	91
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	90
4	Nonadecane	268	C19H40	000629-92-5	90
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87





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Sample : M2580-15 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
18-B5(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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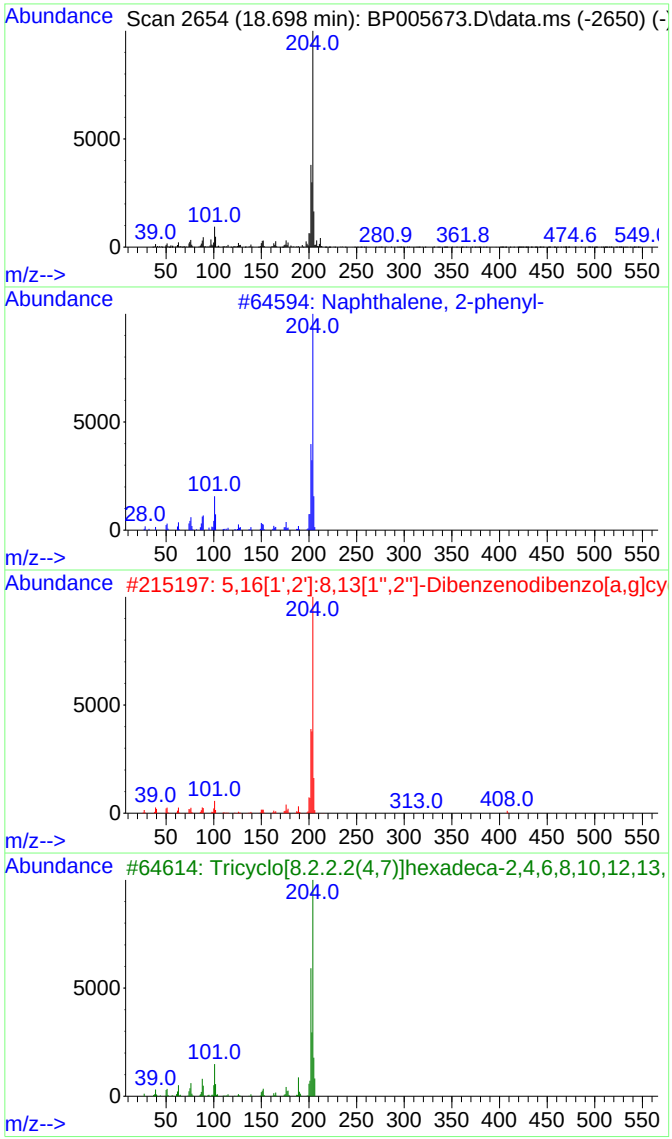
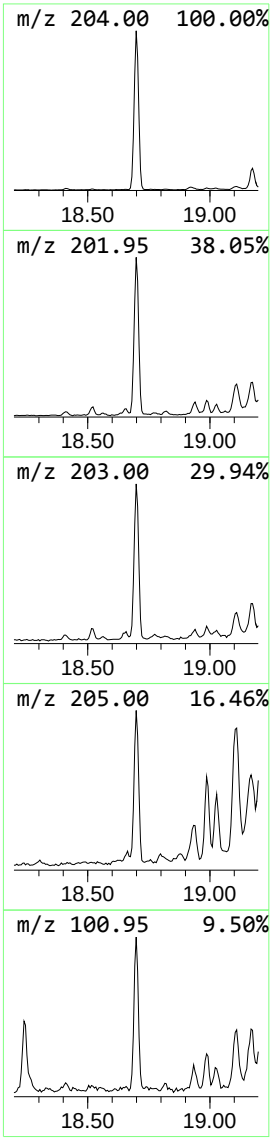
Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.698	6.39 ng	1215600	Phenanthrene-d10	17.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
4	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	53
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	49





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Sample : M2580-15 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
18-B5(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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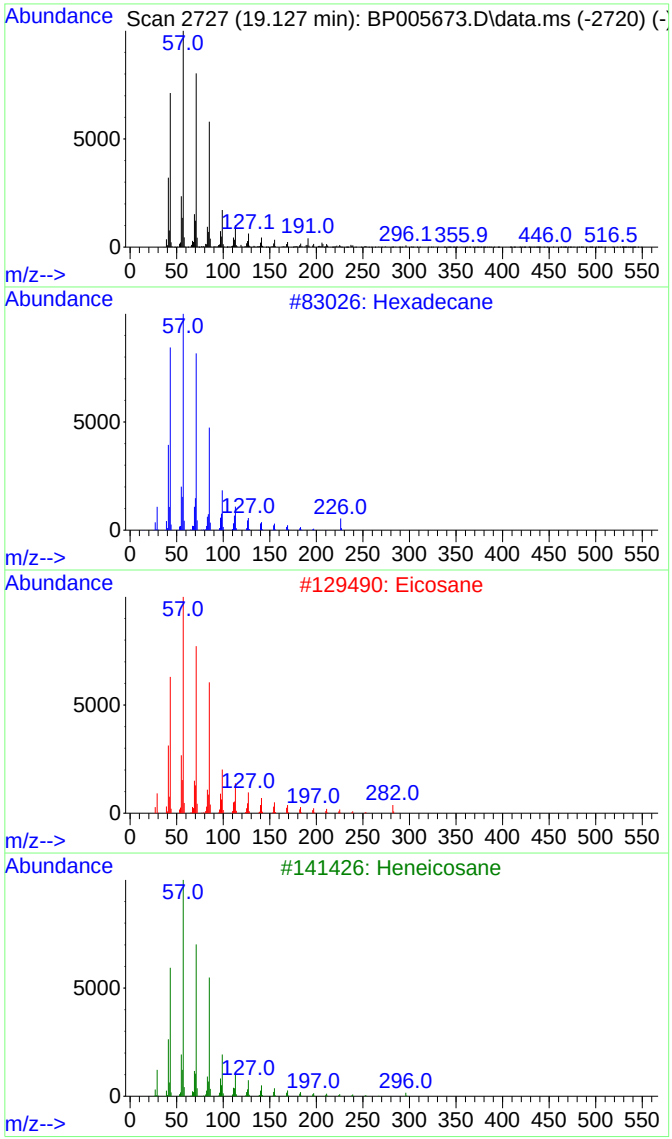
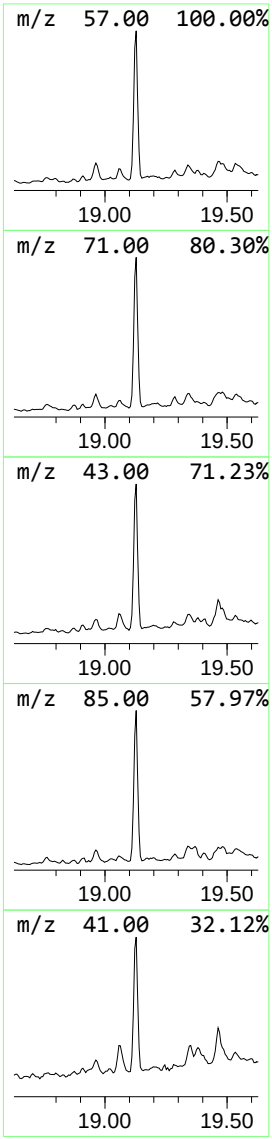
Peak Number 13 Hexadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.128	21.86 ng	4155740	Phenanthrene-d10	17.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Eicosane	282	C20H42	000112-95-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Nonadecane	268	C19H40	000629-92-5	91
5	Octadecane	254	C18H38	000593-45-3	91





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Sample : M2580-15 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
18-B5(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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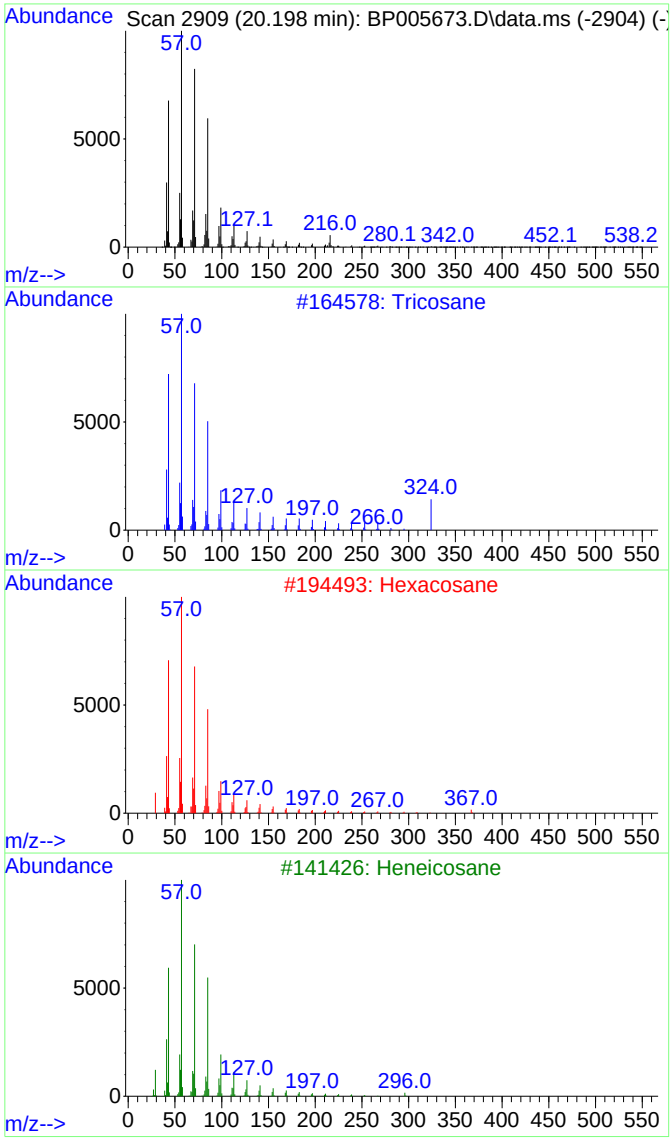
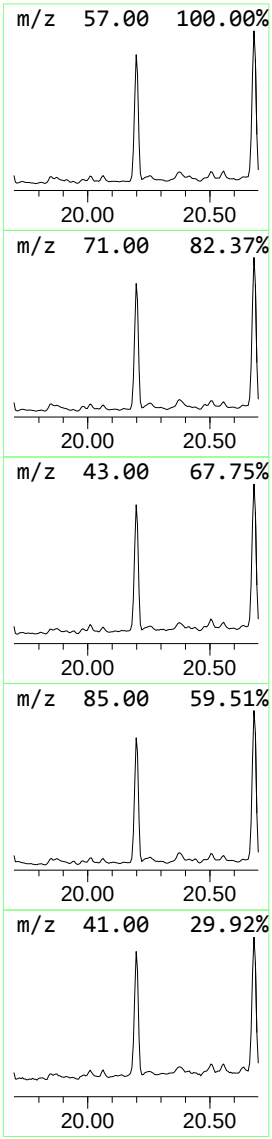
Peak Number 14 Tricosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.198	10.63 ng	8951520	Chrysene-d12	21.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	93
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Heptadecane	240	C17H36	000629-78-7	91





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Sample : M2580-15 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B5(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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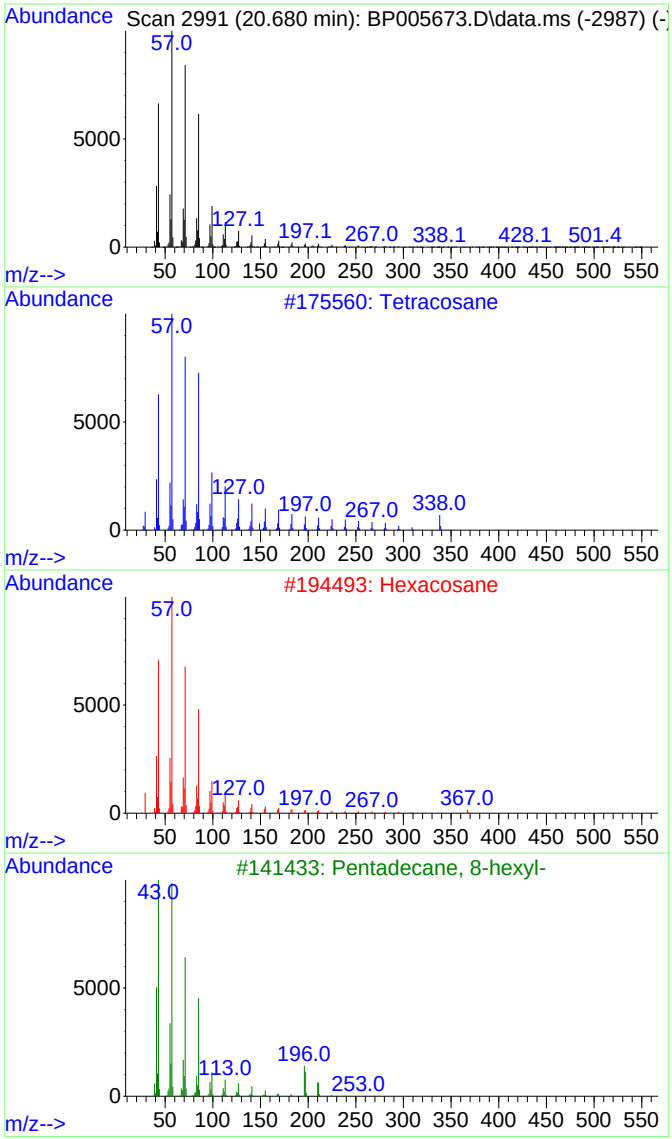
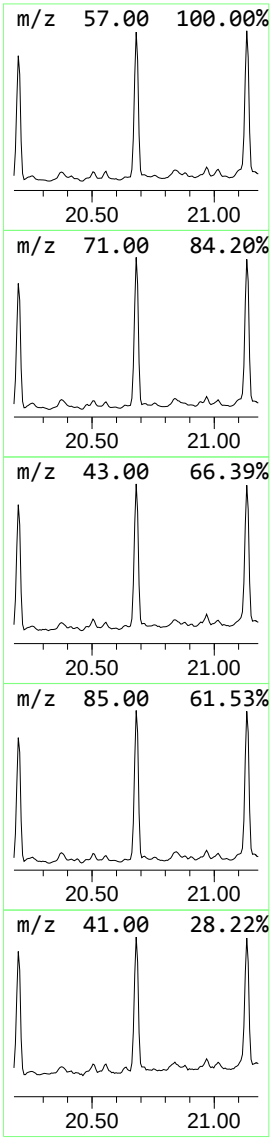
Peak Number 15 Tetracosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.680	10.26 ng	8636650	Chrysene-d12	21.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	95
2	Hexacosane	366	C26H54	000630-01-3	94
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
4	Heptacosane	380	C27H56	000593-49-7	91
5	Octacosane	394	C28H58	000630-02-4	91





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Misc :
ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :
18-B5(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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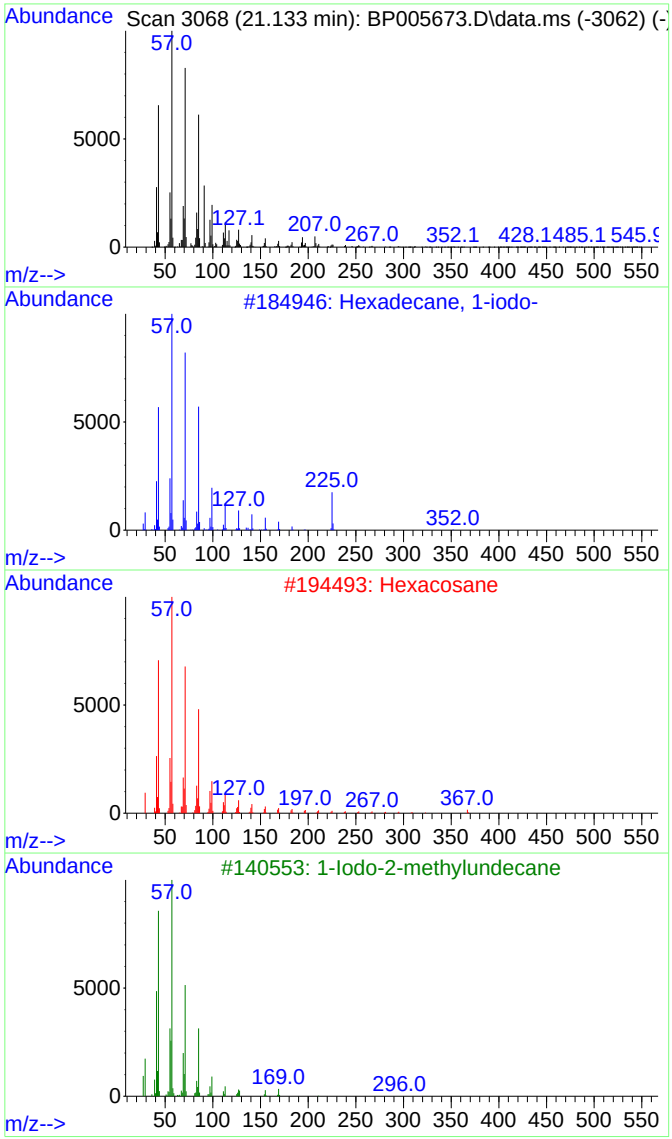
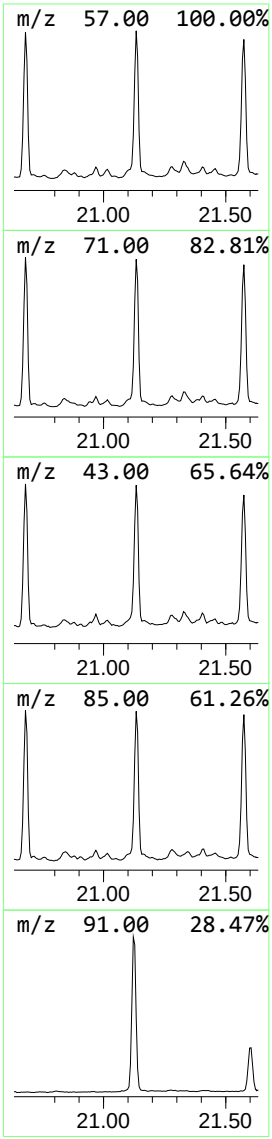
Peak Number 16 Hexadecane, 1-iodo- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.133	14.40 ng	12122300	Chrysene-d12	21.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	94
2	Hexacosane	366	C26H54	000630-01-3	93
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	93
4	Heneicosane	296	C21H44	000629-94-7	90
5	2-methyloctacosane	408	C29H60	1000376-72-8	90





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Acq On : 02 Jun 2021 19:30
Operator : CG/JU
Sample : M2580-15 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B5(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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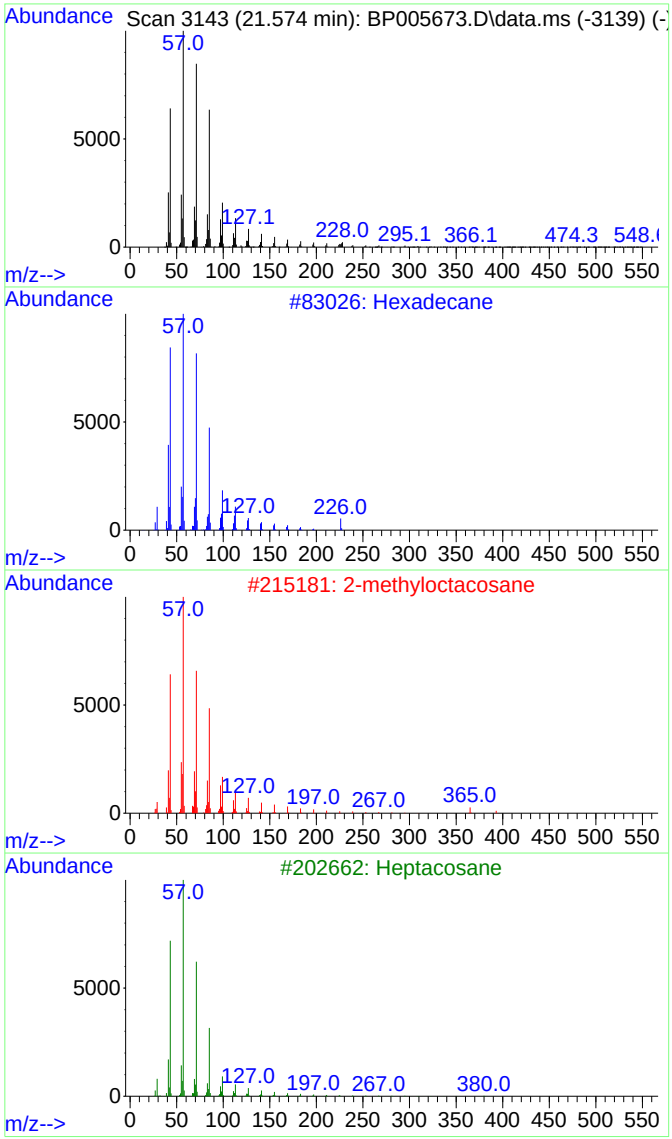
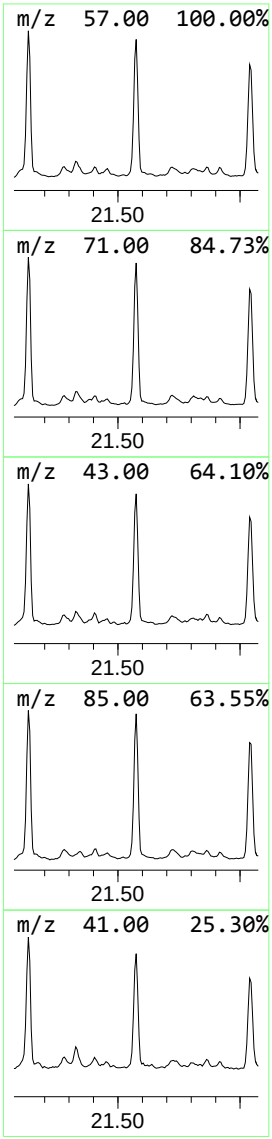
Peak Number 17 2-methyloctacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.574	10.52 ng	8853680	Chrysene-d12	21.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Triacontane	422	C30H62	000638-68-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005673.D
Acq On : 02 Jun 2021 19:30
Operator : CG/JU
Sample : M2580-15 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B5(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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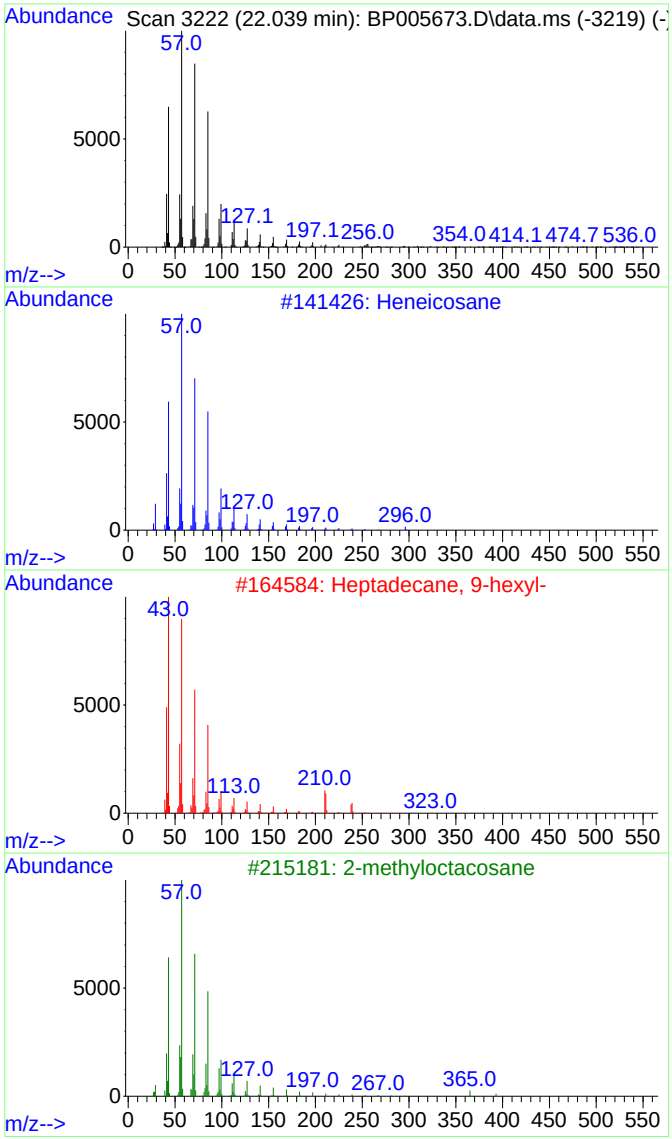
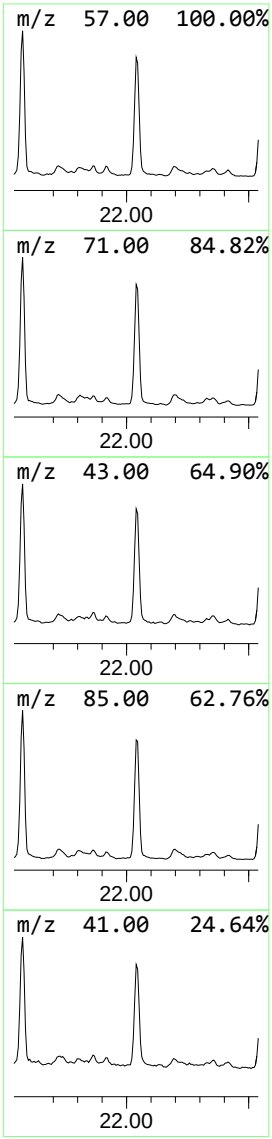
Peak Number 18 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.039	10.58 ng	8906090	Chrysene-d12	21.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	90





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Data File : BP005673.D
Acq On : 02 Jun 2021 19:30
Operator : CG/JU
Sample : M2580-15 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B5(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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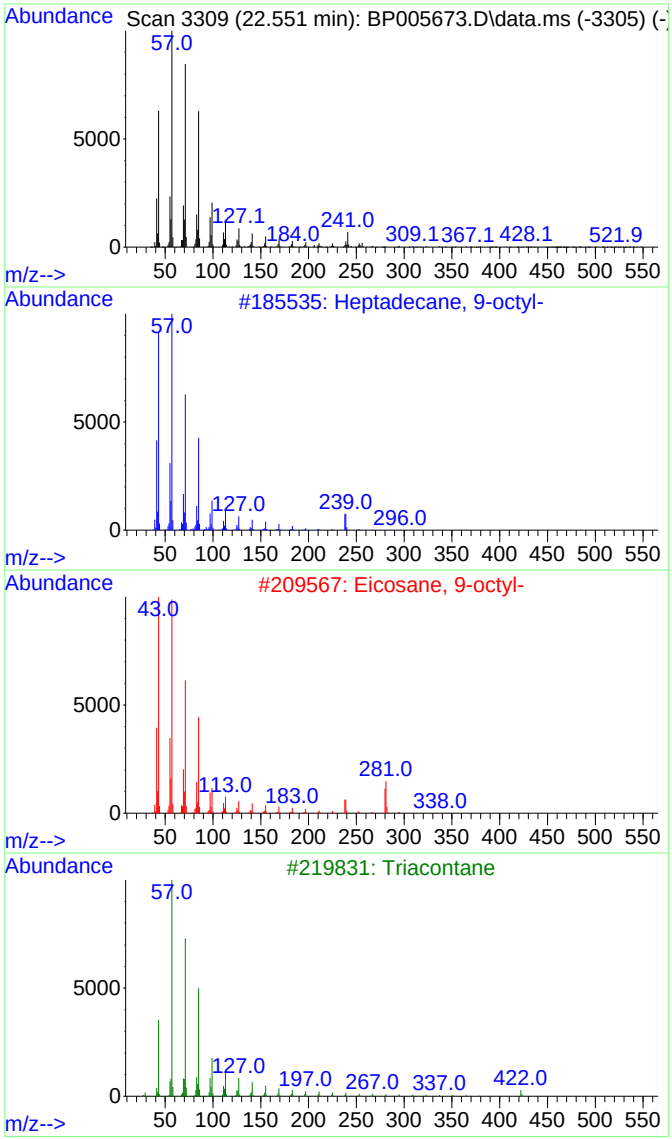
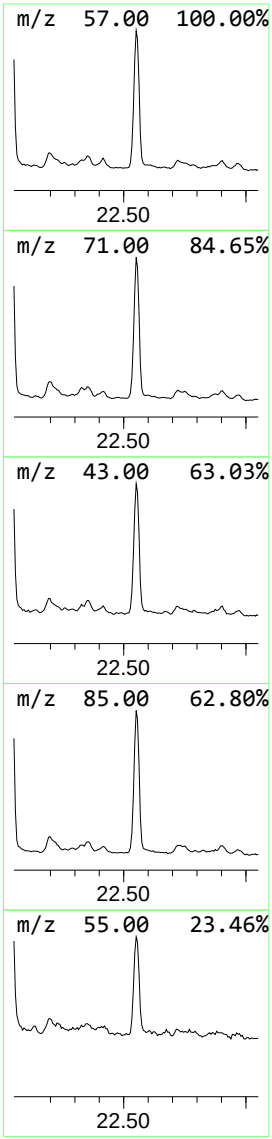
Peak Number 19 Heptadecane, 9-octyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.551	7.56 ng	6369120	Chrysene-d12	21.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2	Eicosane, 9-octyl-	394	C28H58	013475-77-9	93
3	Triacontane	422	C30H62	000638-68-6	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	2-methyloctacosane	408	C29H60	1000376-72-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005673.D
Acq On : 02 Jun 2021 19:30
Operator : CG/JU
Sample : M2580-15 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B5(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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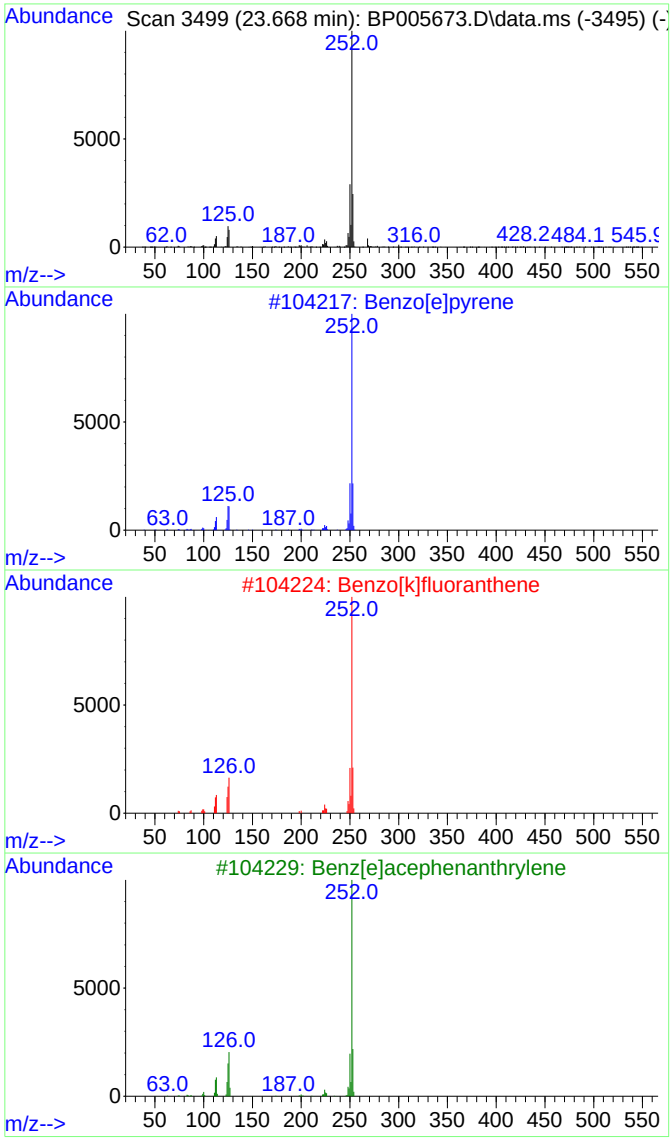
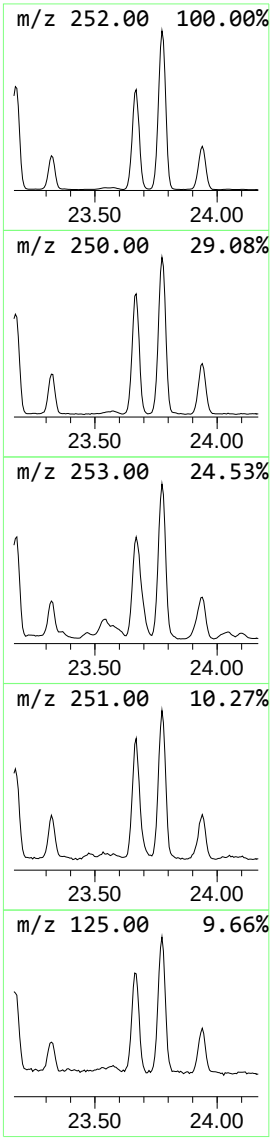
Peak Number 20 Benzo[e]pyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.668	8.36 ng	5098630	Perylene-d12	23.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005673.D
Acq On : 02 Jun 2021 19:30
Operator : CG/JU
Sample : M2580-15 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B5(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	6.3	ng	573800	1	7.993	1832940	20.0
Tridecane, 1-iodo-	16.322	8.5	ng	1610510	4	17.357	3802600	20.0
Nonadecane	17.116	9.3	ng	1761690	4	17.357	3802600	20.0
Naphtho[2,1-b]t...	17.169	10.4	ng	1984670	4	17.357	3802600	20.0
Tridecane	17.851	7.9	ng	1497580	4	17.357	3802600	20.0
Anthracene, 2-m...	18.222	8.7	ng	1658840	4	17.357	3802600	20.0
n-Hexadecanoic ...	18.239	11.9	ng	2260070	4	17.357	3802600	20.0
Phenanthrene, 1...	18.263	13.5	ng	2559090	4	17.357	3802600	20.0
Phenanthrene, 2...	18.345	6.1	ng	1152630	4	17.357	3802600	20.0
4H-Cyclopenta[d...	18.410	17.3	ng	3286830	4	17.357	3802600	20.0
Eicosane	18.522	10.7	ng	2025550	4	17.357	3802600	20.0
Naphthalene, 2-...	18.698	6.4	ng	1215600	4	17.357	3802600	20.0
Hexadecane	19.128	21.9	ng	4155740	4	17.357	3802600	20.0
Tricosane	20.198	10.6	ng	8951520	5	21.433	16838600	20.0
Tetracosane	20.680	10.3	ng	8636650	5	21.433	16838600	20.0
Hexadecane, 1-i...	21.133	14.4	ng	12122300	5	21.433	16838600	20.0
2-methyloctacosane	21.574	10.5	ng	8853680	5	21.433	16838600	20.0
Heneicosane	22.039	10.6	ng	8906090	5	21.433	16838600	20.0
Heptadecane, 9-...	22.551	7.6	ng	6369120	5	21.433	16838600	20.0
Benzo[e]pyrene	23.668	8.4	ng	5098630	6	23.886	12203500	20.0