LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032524\
Data File : BM044762.D
Acq On : 25 Mar 2024 19:00
Operator : MA/JU
Sample : P1847-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SU-02-032224

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_M\Methods\8270-BM031324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM044762.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.310	371	378	385	rBV	899416	1364616	2.84%	0.322%
2	6.881	640	645	650	rVB	763252	1183475	2.46%	0.279%
3	7.698	780	784	797	rVB	635788	1173535	2.44%	0.277%
4	8.328	885	891	896	rBV3	356676	632859	1.32%	0.149%
5	8.863	976	982	985	rVV2	610350	1081527	2.25%	0.255%
6	8.898	985	988	994	rVB	783261	1127296	2.34%	0.266%
7	9.875	1149	1154	1163	rVV4	302366	853696	1.77%	0.201%
8	10.439	1244	1250	1254	rBV2	1167422	2170299	4.51%	0.512%
9	10.475	1254	1256	1261	rVV	759561	1119901	2.33%	0.264%
10	10.527	1261	1265	1271	rVV	705954	1214364	2.52%	0.286%
11	10.627	1278	1282	1288	rVB	416213	643887	1.34%	0.152%
12	11.386	1405	1411	1417	rBV2	443738	808767	1.68%	0.191%
13	11.486	1424	1428	1433	rBV	464681	740286	1.54%	0.175%
14	11.669	1453	1459	1466	rVV3	544339	1044085	2.17%	0.246%
15	11.898	1488	1498	1504	rBV	1558861	2730455	5.68%	0.644%
16	12.145	1537	1540	1547	rVB	412999	645470	1.34%	0.152%
17	12.369	1571	1578	1580	rBV2	366236	724705	1.51%	0.171%
18	12.398	1580	1583	1588	rVB	489413	755612	1.57%	0.178%
19	12.810	1649	1653	1658	rBV3	388048	694934	1.44%	0.164%
20	12.863	1658	1662	1668	rVB3	571304	1022966	2.13%	0.241%
21	12.957	1673	1678	1685	rVB	1157695	1732836	3.60%	0.408%
22	13.163	1708	1713	1719	rVB2	1964993	3097597	6.44%	0.730%
23	13.663	1794	1798	1802	rBV	358390	668708	1.39%	0.158%
24	13.798	1817	1821	1822	rBV2	531801	624896	1.30%	0.147%
25	13.821	1822	1825	1828	rVB	702602	900170	1.87%	0.212%
26	13.863	1828	1832	1836	rBV4	473697	647971	1.35%	0.153%
27	14.063	1862	1866	1874	rVV	862538	1475872	3.07%	0.348%
28	14.245	1891	1897	1902	rBV	2712736	3611329	7.51%	0.851%
29	14.345	1905	1914	1919	rVV2	1198855	2573191	5.35%	0.607%
30	14.410	1920	1925	1932	rVV	1529220	2395400	4.98%	0.565%
31	14.745	1978	1982	1989	rVB	1364541	1934084	4.02%	0.456%
32	14.868	1999	2003	2011	rVB5	667894	1139652	2.37%	0.269%
33	15.204	2055	2060	2065	rVB	2726931	3386772	7.04%	0.798%
34	15.398	2088	2093	2098	rBV	2092119	3238128	6.73%	0.763%
35	15.610	2124	2129	2133	rVB	1012715	1605988	3.34%	0.379%
36	15.692	2140	2143	2151	rVB3	618086	1218060	2.53%	0.287%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032524\
Data File : BM044762.D
Acq On : 25 Mar 2024 19:00
Operator : MA/JU
Sample : P1847-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SU-02-032224

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_M\Methods\8270-BM031324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.839	2161	2168	2176	rVB5	1304572	2784292	5.79%	0.656%
38	16.068	2203	2207	2216	rBV	3054234	5587288	11.62%	1.317%
39	16.409	2258	2265	2269	rBV2	731122	1437900	2.99%	0.339%
40	16.457	2269	2273	2279	rVB5	444595	990104	2.06%	0.233%
41	16.756	2321	2324	2330	rVB4	396129	647349	1.35%	0.153%
42	16.862	2338	2342	2347	rVV	2400314	3074475	6.39%	0.725%
43	16.915	2347	2351	2361	rVB2	2013279	3495158	7.27%	0.824%
44	17.104	2378	2383	2386	rBV	1237717	1961952	4.08%	0.462%
45	17.151	2386	2391	2397	rVV	10865915	17422979	36.22%	4.107%
46	17.239	2401	2406	2411	rVV	4832590	6751103	14.04%	1.591%
47	17.292	2411	2415	2420	rVV3	551426	950217	1.98%	0.224%
48	17.515	2448	2453	2460	rVV	1059753	1839874	3.83%	0.434%
49	17.603	2464	2468	2474	rBV2	2200796	3231878	6.72%	0.762%
50	17.680	2478	2481	2490	rVB	1004268	1715223	3.57%	0.404%
51	17.798	2494	2501	2505	rBV	15859674	24879406	51.73%	5.865%
52	17.980	2527	2532	2536	rVV	2150368	3652680	7.59%	0.861%
53	18.027	2536	2540	2548	rVV	4909168	7430976	15.45%	1.752%
54	18.109	2550	2554	2559	rVV	1601967	2605234	5.42%	0.614%
55	18.174	2560	2565	2569	rVV2	4068864	7757123	16.13%	1.829%
56	18.209	2569	2571	2577	rVB	1708009	2267421	4.71%	0.534%
57	18.303	2582	2587	2591	rBV	2350911	3229492	6.71%	0.761%
58	18.380	2596	2600	2607	rVB	578013	945611	1.97%	0.223%
59	18.486	2613	2618	2622	rBV2	1525189	2405110	5.00%	0.567%
60	18.539	2623	2627	2634	rVB3	1231692	1887781	3.92%	0.445%
61	18.703	2651	2655	2657	rBV	632731	892640	1.86%	0.210%
62	18.733	2657	2660	2663	rVB	812667	935844	1.95%	0.221%
63	18.786	2664	2669	2672	rBV2	1249877	1698280	3.53%	0.400%
64	18.821	2672	2675	2680	rVB2	1209015	1680912	3.49%	0.396%
65	18.909	2684	2690	2691	rBV	2824160	4160588	8.65%	0.981%
66	18.974	2691	2701	2703	rBV4	14606464	48099187	100.00%	11.338%
67	19.056	2712	2715	2720	rVB3	1012884	1675054	3.48%	0.395%
68	19.109	2720	2724	2729	rVB	10474237	13465320	27.99%	3.174%
69	19.186	2729	2737	2744	rBV	13640424	30489360	63.39%	7.187%
70	19.303	2755	2757	2765	rVB3	962911	2013349	4.19%	0.475%
71	19.421	2772	2777	2781	rBV2	1204130	2052696	4.27%	0.484%
72	19.468	2782	2785	2789	rVV4	958224	1299653	2.70%	0.306%
73	19.550	2789	2799	2807	rVB	12777486	30044818	62.46%	7.082%
74	19.627	2807	2812	2817	rBV	1884594	2823093	5.87%	0.665%
75	19.745	2827	2832	2836	rVB2	1850237	3309256	6.88%	0.780%
76	19.786	2836	2839	2844	rVB3	1148103	1846584	3.84%	0.435%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032524\
Data File : BM044762.D
Acq On : 25 Mar 2024 19:00
Operator : MA/JU
Sample : P1847-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SU-02-032224

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_M\Methods\8270-BM031324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	19.874	2848	2854	2860	rBV4	1825340	4571872	9.51%	1.078%
78	20.009	2872	2877	2878	rBV3	1689943	2530279	5.26%	0.596%
79	20.039	2879	2882	2889	rVB3	3225270	5685357	11.82%	1.340%
80	20.097	2890	2892	2896	rBV3	529316	692947	1.44%	0.163%
81	20.139	2896	2899	2903	rVB	2865110	3522092	7.32%	0.830%
82	20.203	2904	2910	2914	rBV2	3750356	5955399	12.38%	1.404%
83	20.339	2929	2933	2936	rBV	2569966	3206014	6.67%	0.756%
84	20.380	2937	2940	2944	rVB	2341825	2867128	5.96%	0.676%
85	20.562	2968	2971	2974	rBV	773889	860385	1.79%	0.203%
86	20.956	3030	3038	3041	rBV2	2710842	5073228	10.55%	1.196%
87	20.992	3041	3044	3047	rVV	1786083	2052805	4.27%	0.484%
88	21.027	3047	3050	3055	rVV2	1865356	2631285	5.47%	0.620%
89	21.162	3070	3073	3075	rBV	1444730	1590057	3.31%	0.375%
90	21.297	3091	3096	3100	rBV	8438344	14137284	29.39%	3.332%
91	21.350	3101	3105	3113	rVB	8116465	12250032	25.47%	2.888%
92	21.421	3114	3117	3120	rBV3	984899	1309515	2.72%	0.309%
93	21.462	3120	3124	3130	rBV2	2354206	3700643	7.69%	0.872%
94	21.862	3189	3192	3196	rVB	2616225	3313223	6.89%	0.781%
95	21.909	3197	3200	3206	rVB2	1905069	2518570	5.24%	0.594%
96	22.056	3222	3225	3228	rBV2	1476243	1922802	4.00%	0.453%
97	22.903	3362	3369	3374	rBV	4953789	13419175	27.90%	3.163%
98	23.068	3393	3397	3404	rVB	1627106	2638330	5.49%	0.622%
99	23.380	3444	3450	3458	rVB	3888967	8175220	17.00%	1.927%
100	23.485	3461	3468	3474	rVB	5844068	12182197	25.33%	2.872%

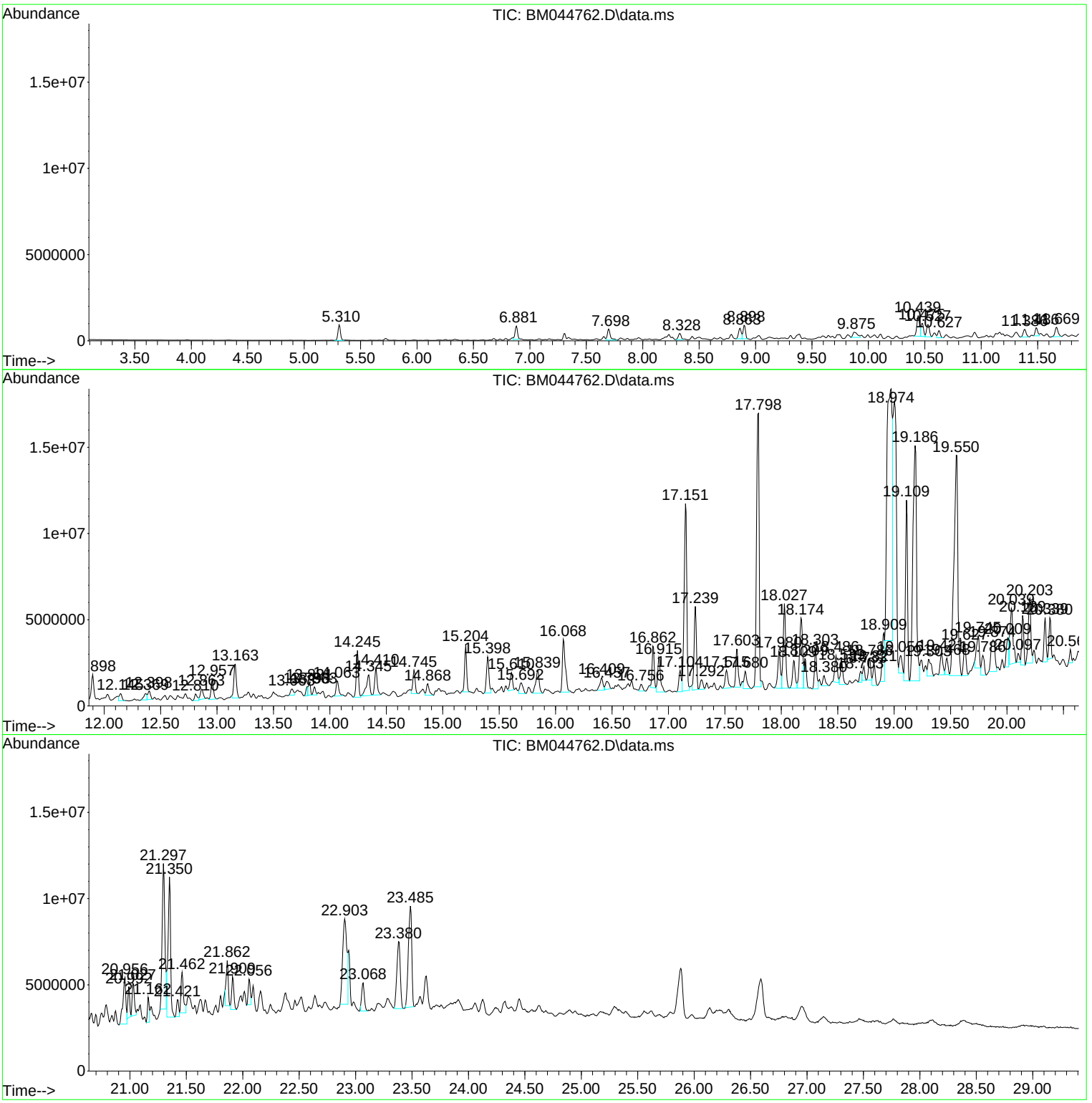
Sum of corrected areas: 424226488

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032524\
Data File : BM044762.D
Acq On : 25 Mar 2024 19:00
Operator : MA/JU
Sample : P1847-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SU-02-032224

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032524\
Data File : BM044762.D
Acq On : 25 Mar 2024 19:00
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Sample : P1847-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SU-02-032224

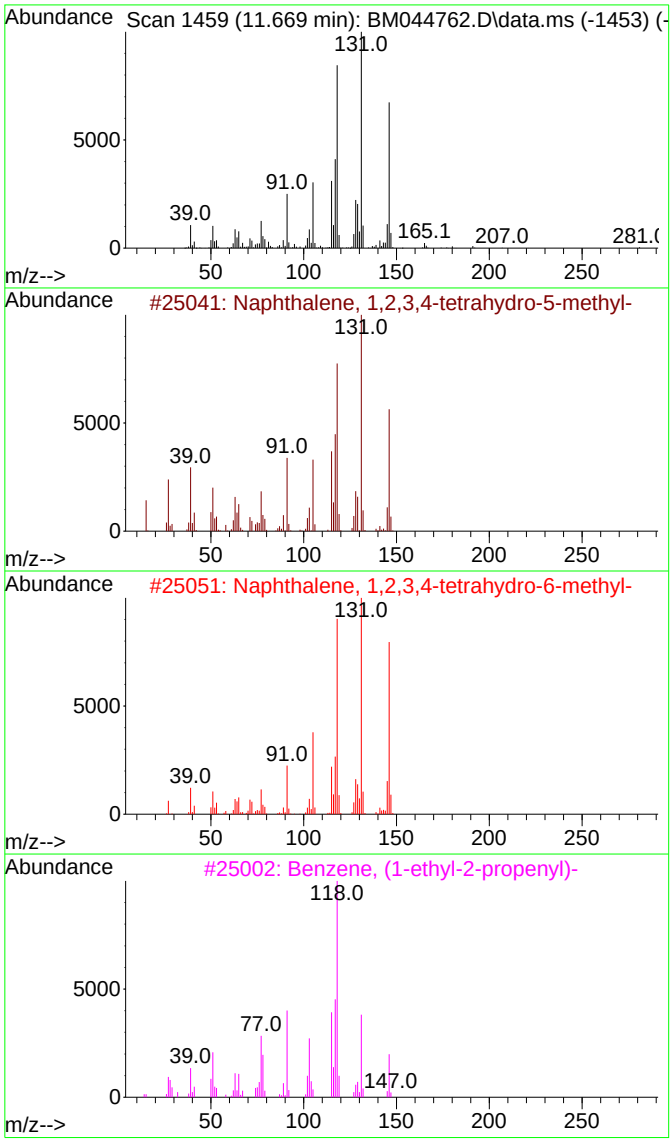
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

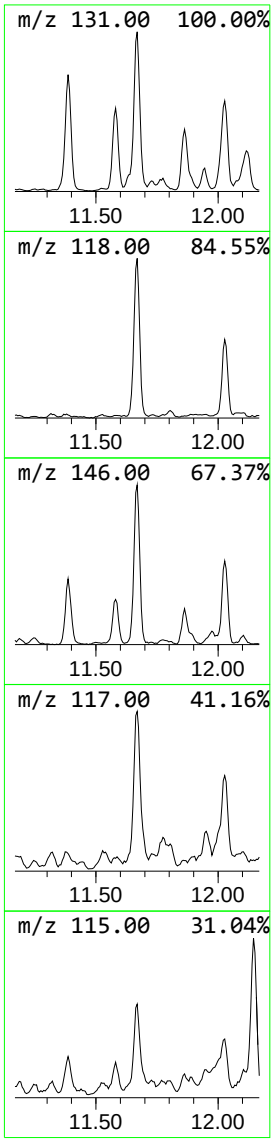
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.669	18.65 ng	1044090	Naphthalene-d8	10.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
3	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	87
4	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	76
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032524\
Data File : BM044762.D
Acq On : 25 Mar 2024 19:00
Operator : MA/JU
Sample : P1847-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SU-02-032224

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

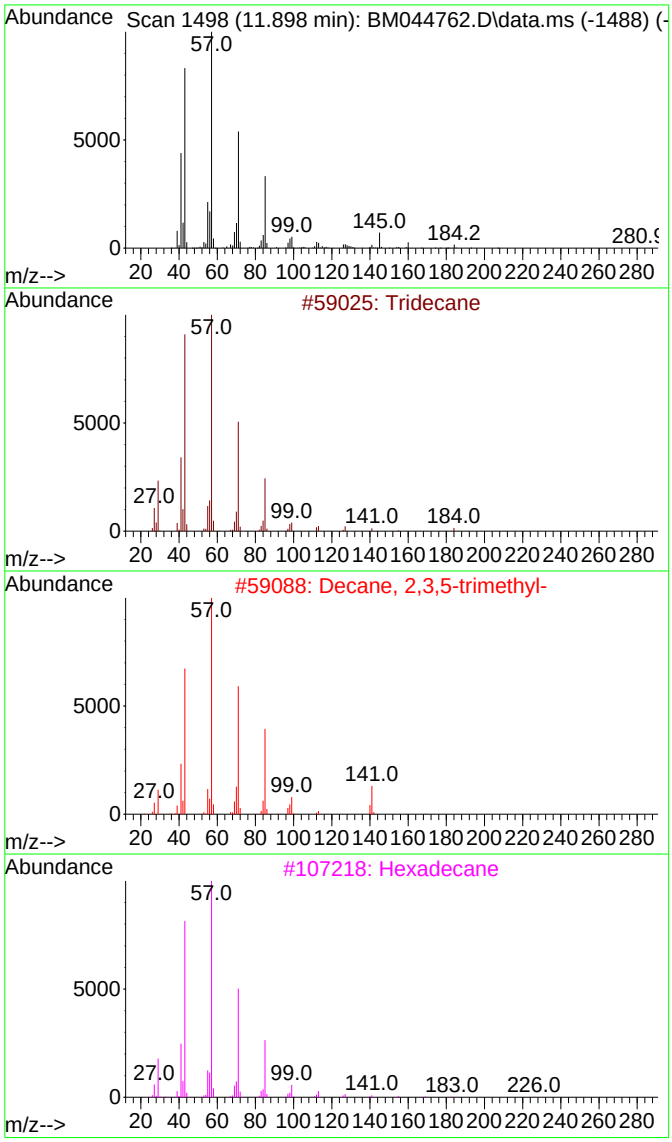
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

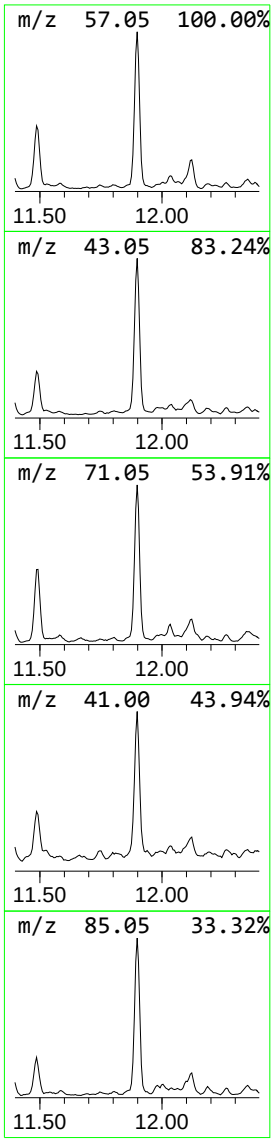
****

Peak Number 2 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	48.76 ng	2730460	Naphthalene-d8	10.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032524\
Data File : BM044762.D
Acq On : 25 Mar 2024 19:00
Operator : MA/JU
Sample : P1847-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SU-02-032224

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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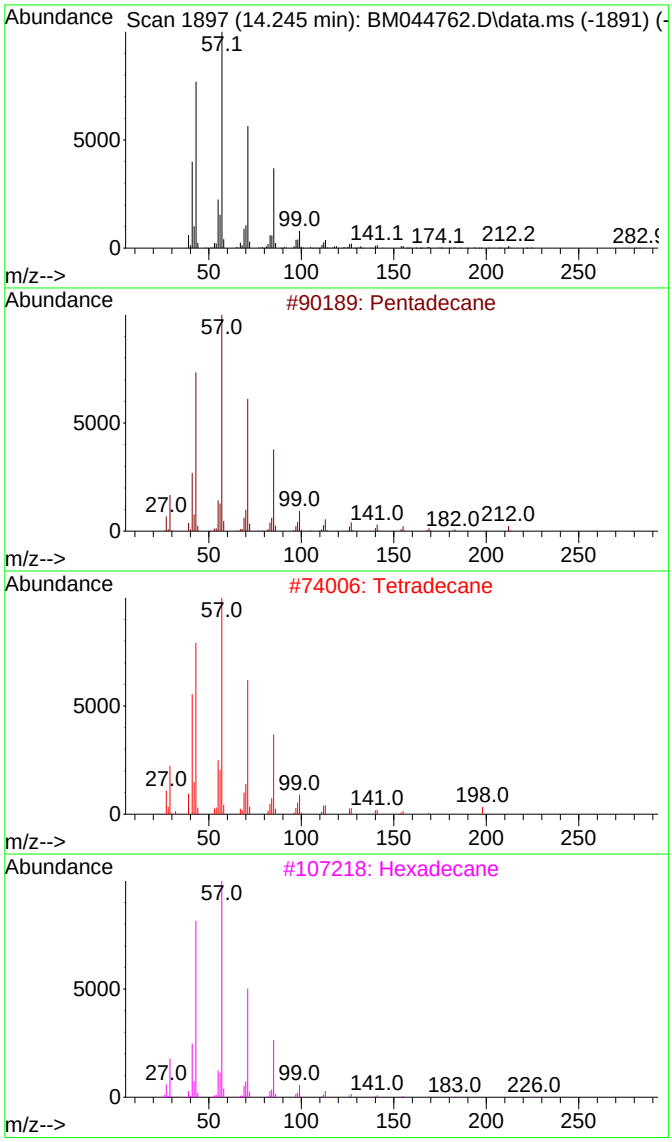
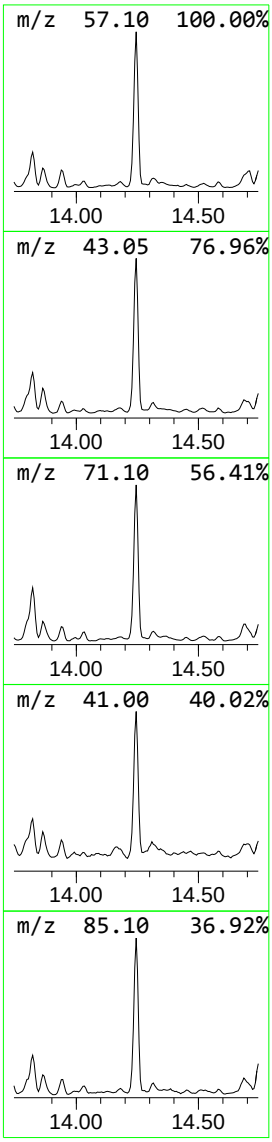
Peak Number 3 Pentadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.245	28.07 ng	3611330	Acenaphthene-d10	14.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	94
2	Tetradecane	198	C14H30	000629-59-4	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Nonadecane	268	C19H40	000629-92-5	90
5	Tridecane	184	C13H28	000629-50-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032524\
Data File : BM044762.D
Acq On : 25 Mar 2024 19:00
Operator : MA/JU
Sample : P1847-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SU-02-032224

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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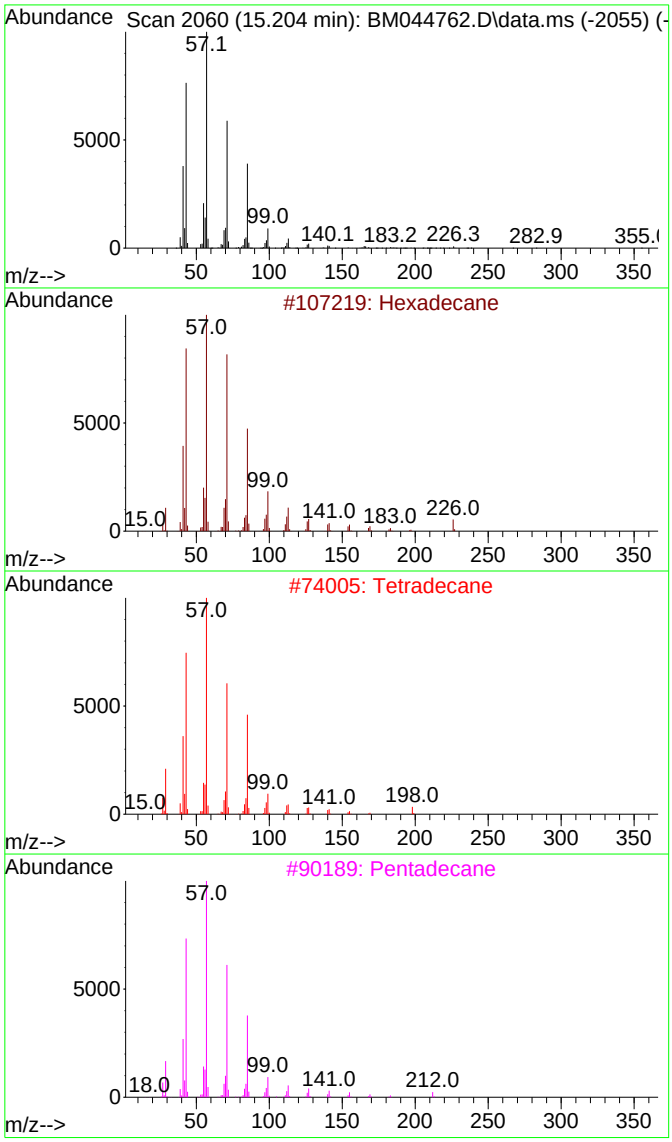
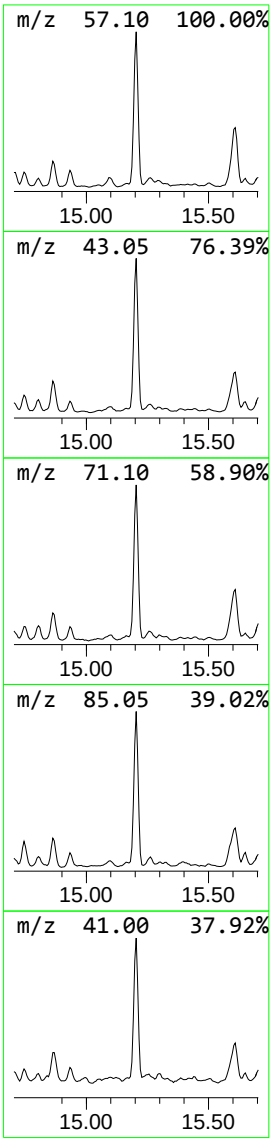
Peak Number 4 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.204	26.32 ng	3386770	Acenaphthene-d10	14.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Tetradecane	198	C14H30	000629-59-4	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Decane, 3-bromo-	220	C10H21Br	030571-71-2	72
5	1-Iodoundecane	282	C11H23I	004282-44-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032524\
Data File : BM044762.D
Acq On : 25 Mar 2024 19:00
Operator : MA/JU
Sample : P1847-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SU-02-032224

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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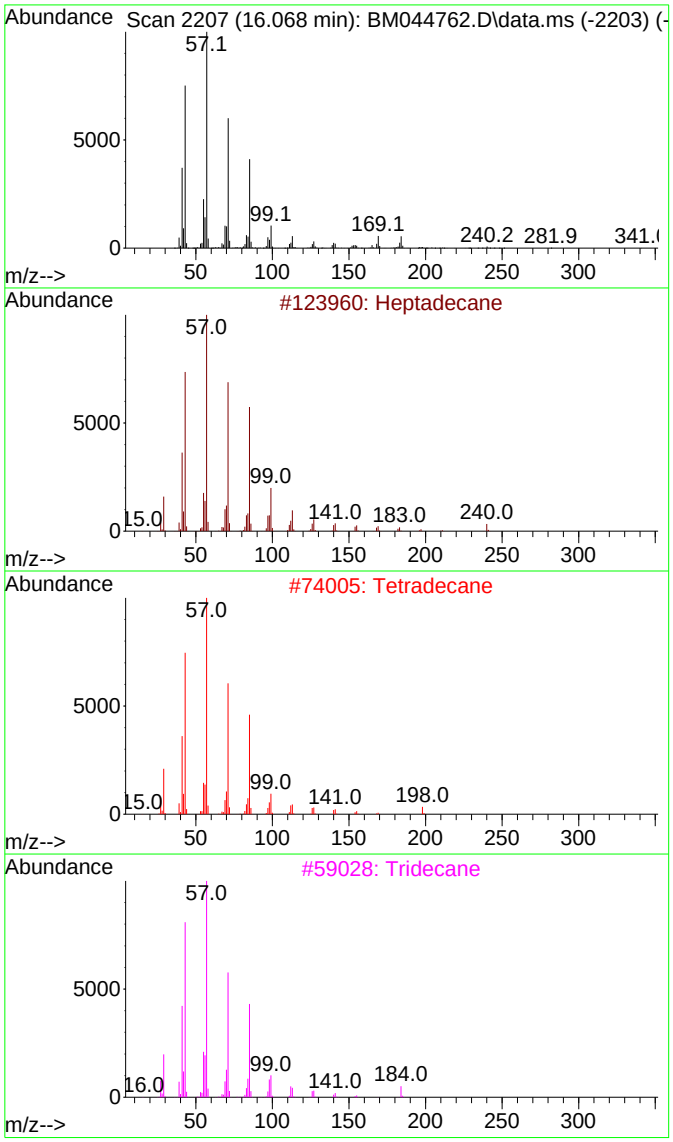
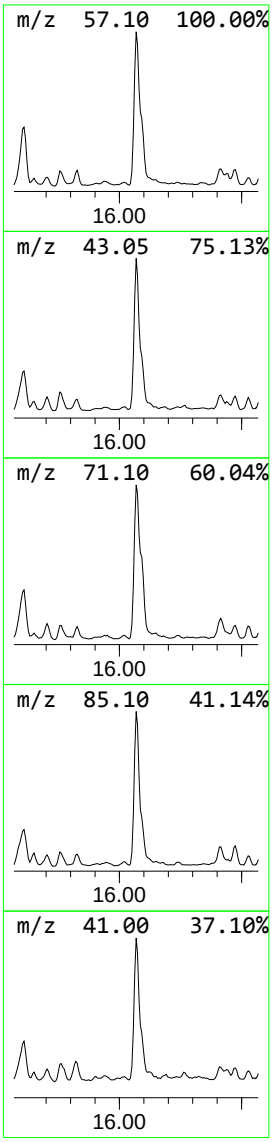
Peak Number 5 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.068	56.96 ng	5587290	Phenanthrene-d10	17.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Tetradecane	198	C14H30	000629-59-4	95
3	Tridecane	184	C13H28	000629-50-5	91
4	Heneicosane	296	C21H44	000629-94-7	86
5	Eicosane	282	C20H42	000112-95-8	86





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Acq On : 25 Mar 2024 19:00
Operator : MA/JU
Sample : P1847-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-02-032224

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

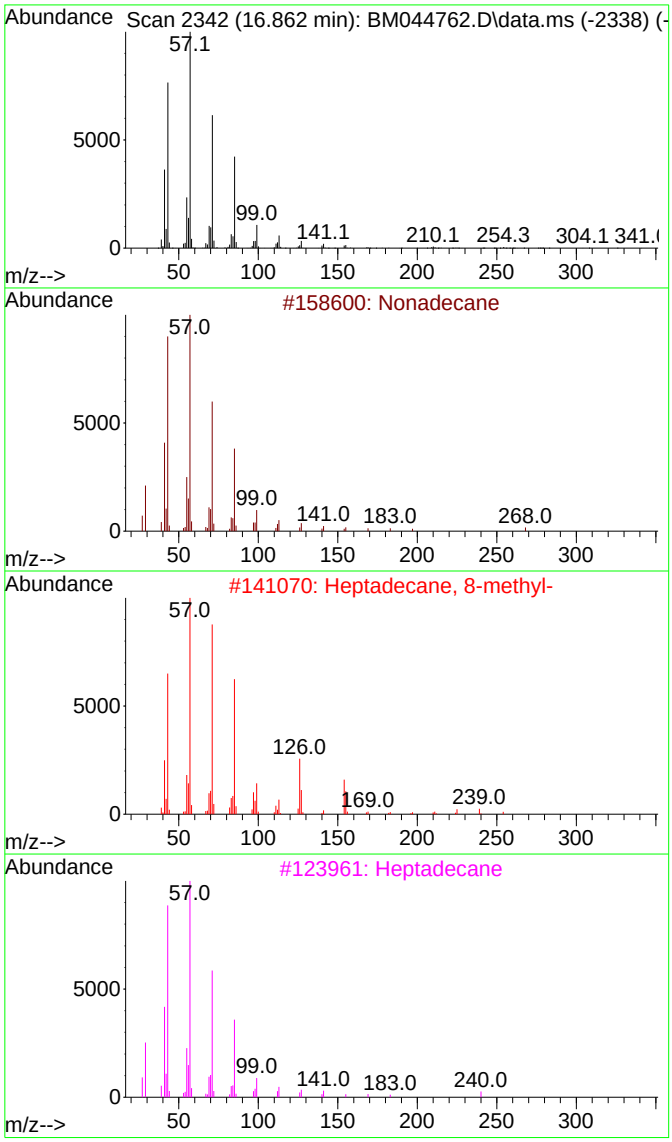
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

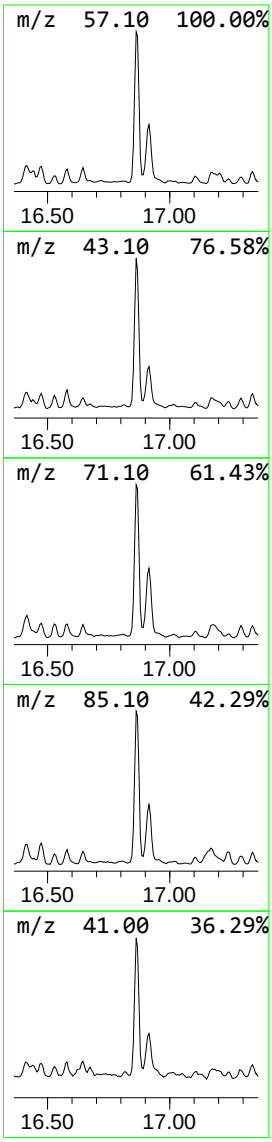
****

Peak Number 6 Nonadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.862	31.34 ng	3074480	Phenanthrene-d10	17.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	9-methylheptadecane	254	C18H38	026741-18-4	86
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86





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Sample : P1847-01 2X
Misc :
ALS Vial : 13 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\NIST20.L
TIC Integration Parameters: LSCINT.P

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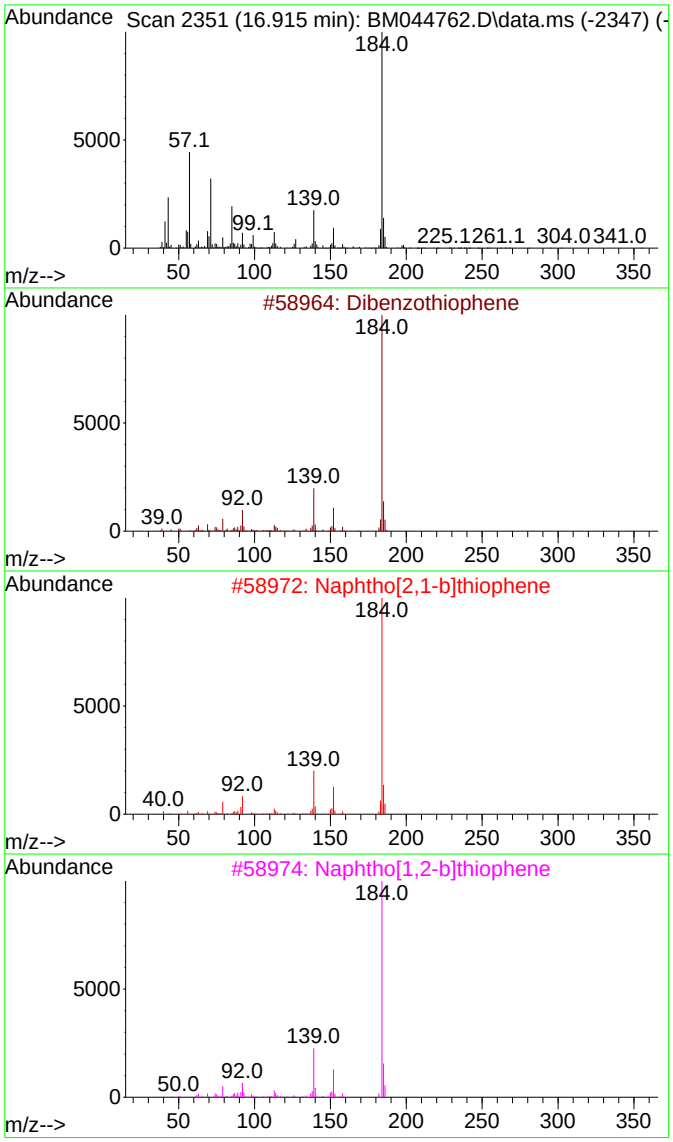
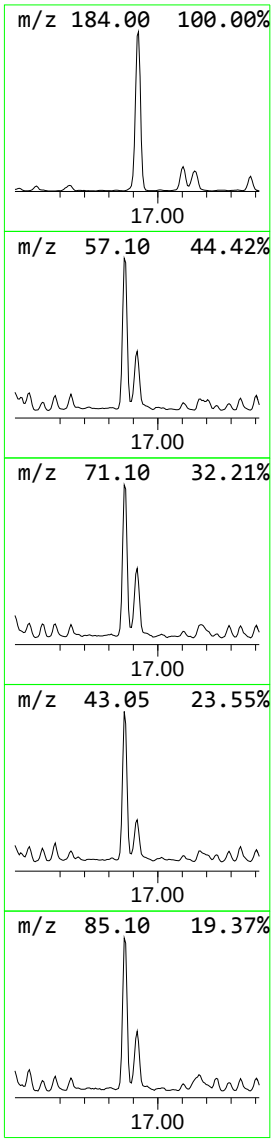
Peak Number 7 Dibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.915	35.63 ng	3495160	Phenanthrene-d10	17.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	92
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	91
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	70





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

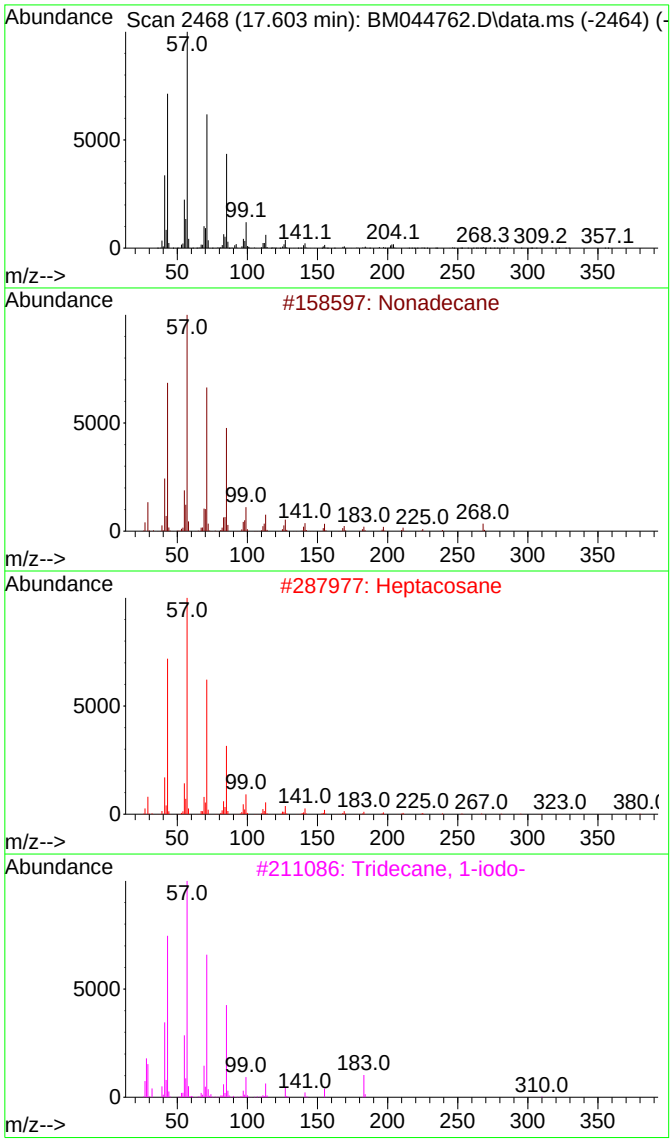
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

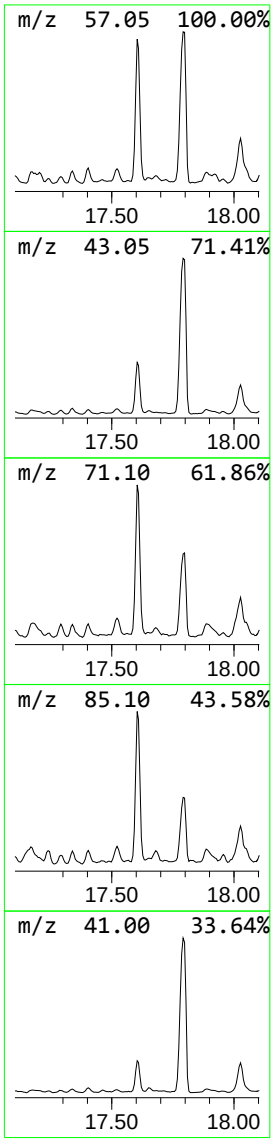
****

Peak Number 8 Heptacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.604	32.95 ng	3231880	Phenanthrene-d10	17.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	97
2	Heptacosane	380	C27H56	000593-49-7	91
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Hexadecane	226	C16H34	000544-76-3	90





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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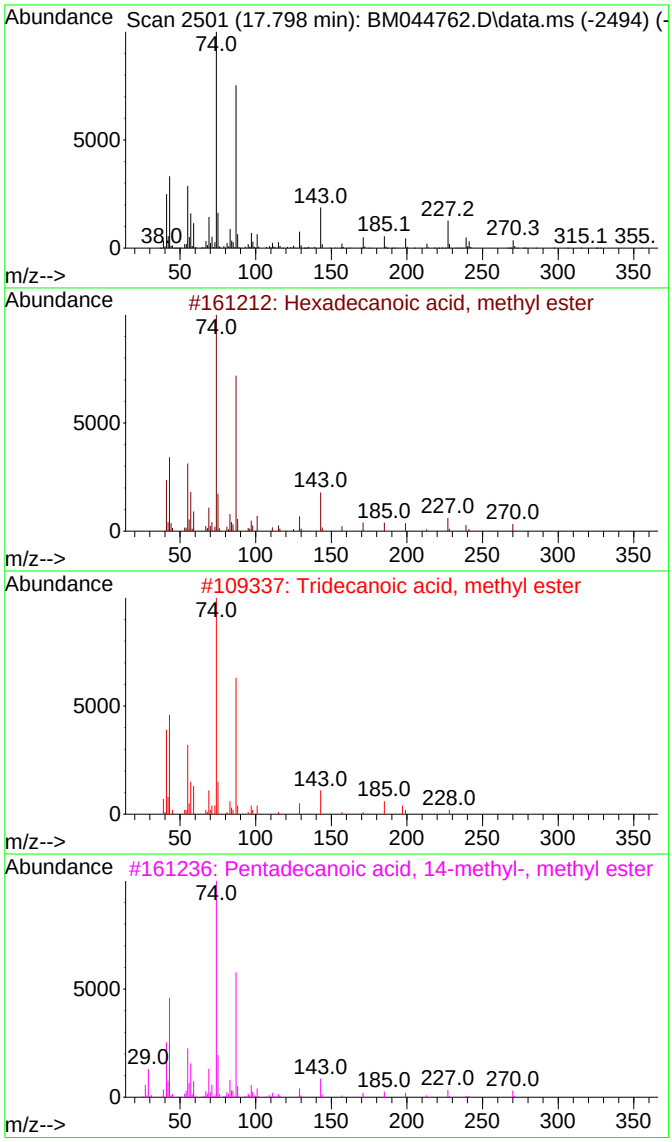
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

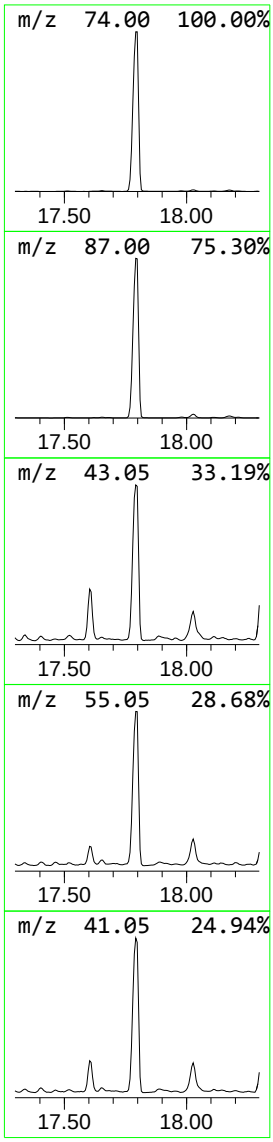
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.798	253.62 ng	24879400	Phenanthrene-d10	17.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86





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Sample : P1847-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

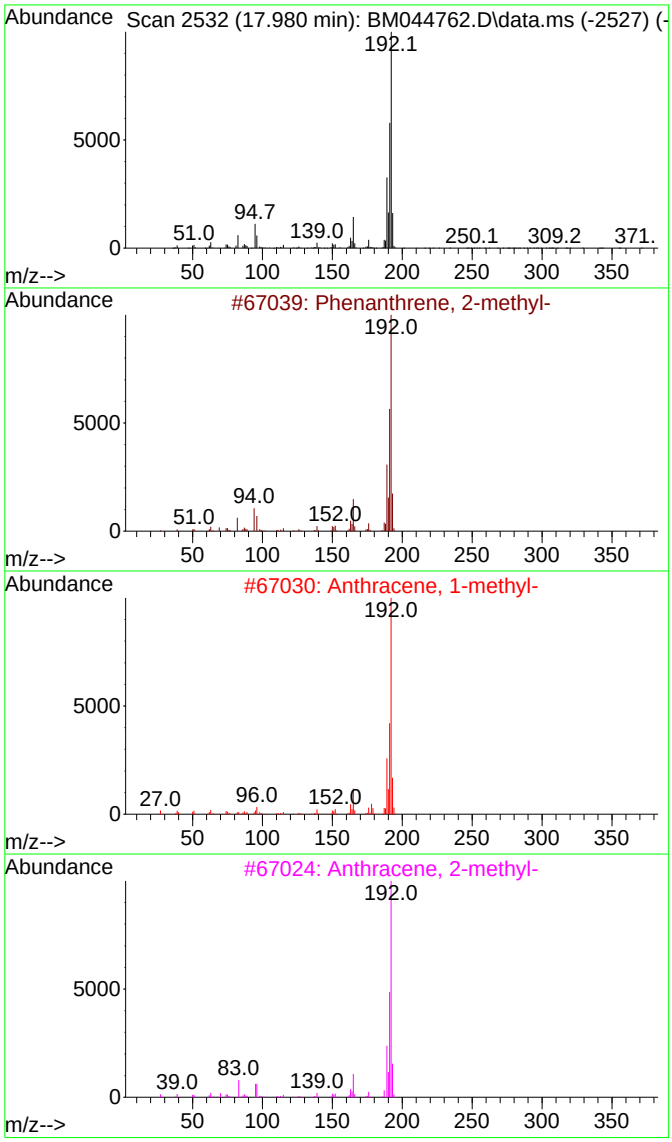
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

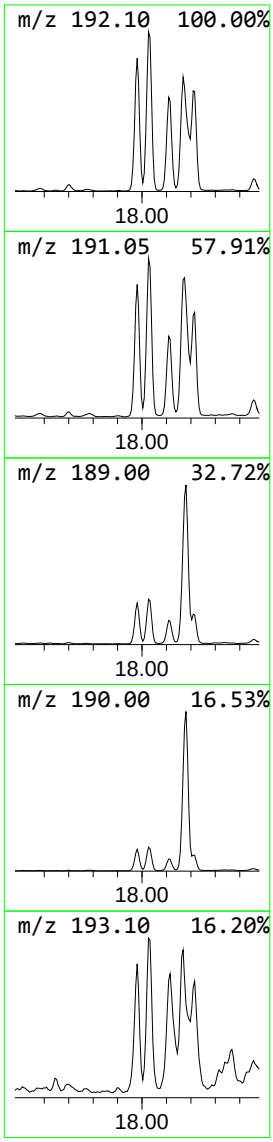
****

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.980	37.24 ng	3652680	Phenanthrene-d10	17.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Sample : P1847-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SU-02-032224

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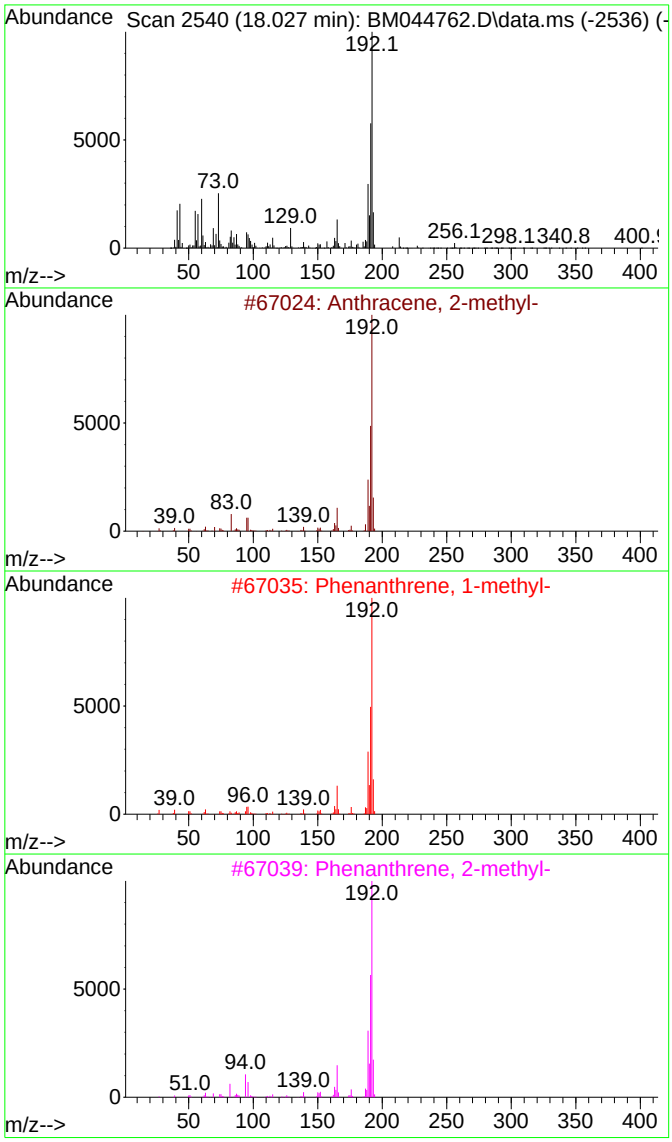
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

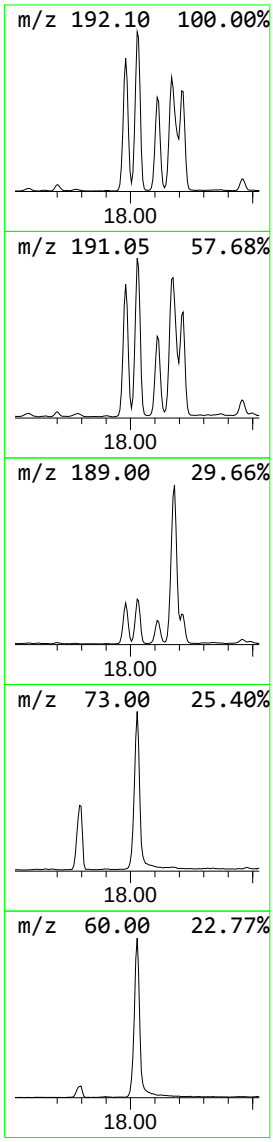
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.027	75.75 ng	7430980	Phenanthrene-d10	17.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





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Sample : P1847-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-02-032224

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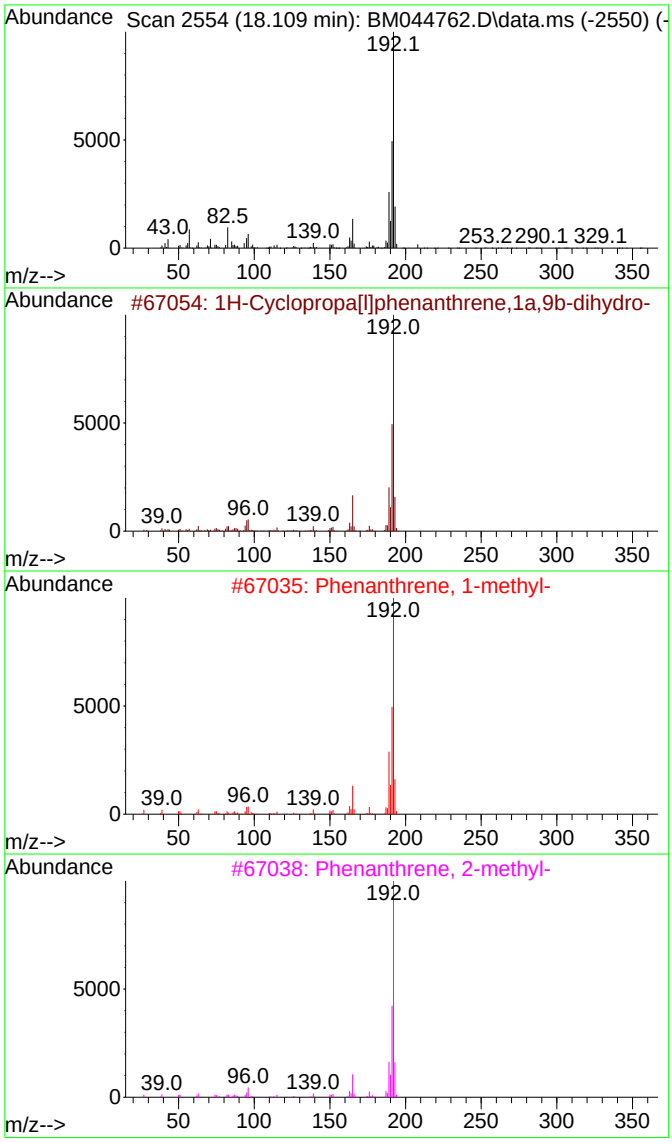
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

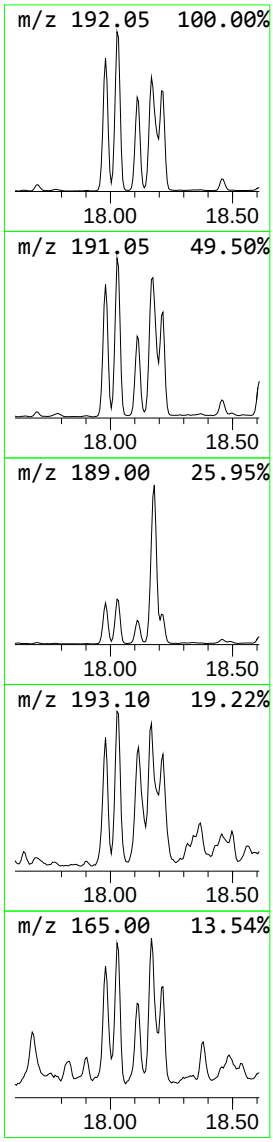
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1H-Cyclopropa[l]phenanthren... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.109	26.56 ng	2605230	Phenanthrene-d10	17.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95





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Misc :
ALS Vial : 13 Sample Multiplier: 1

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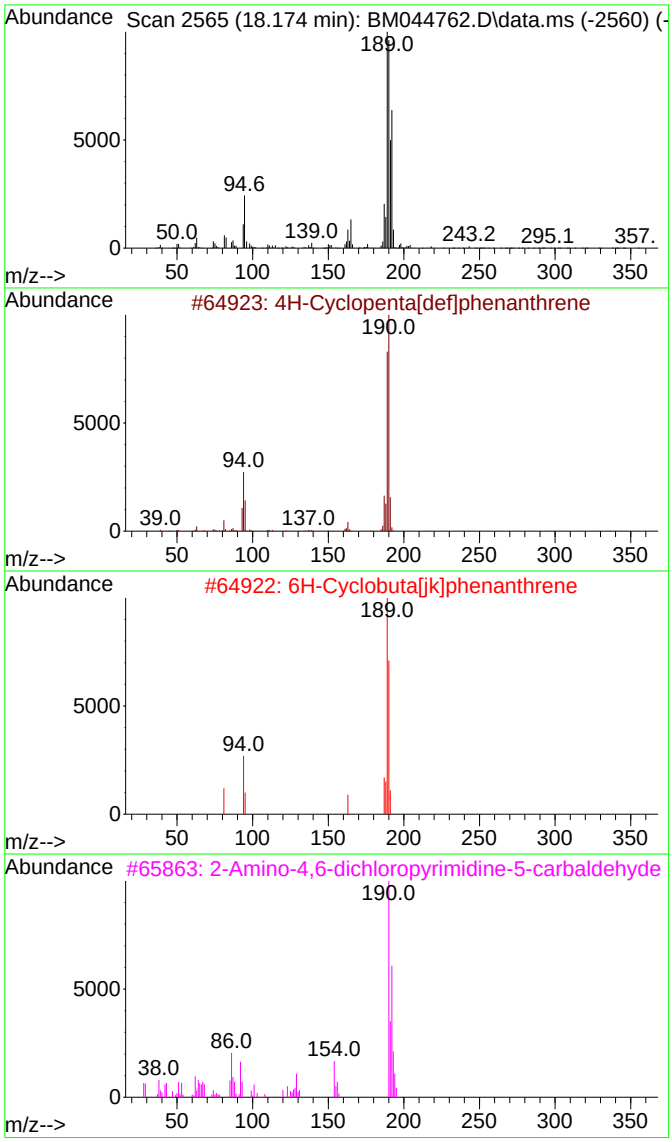
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

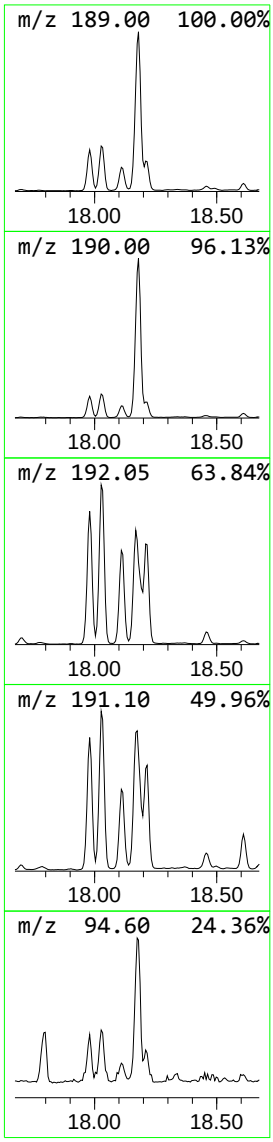
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.174	79.08 ng	7757120	Phenanthrene-d10	17.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	2-Amino-4,6-dichloropyrimidine-5...	191	C5H3Cl2N3O	005604-46-6	38
4	5-Amino-3-bromo-2-fluoropyridine	190	C5H4BrFN2	209328-99-4	35
5	3-Bromo-5-fluoro-2-pyridinylamine	190	C5H4BrFN2	869557-43-7	35





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Misc :
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ClientSampleId :
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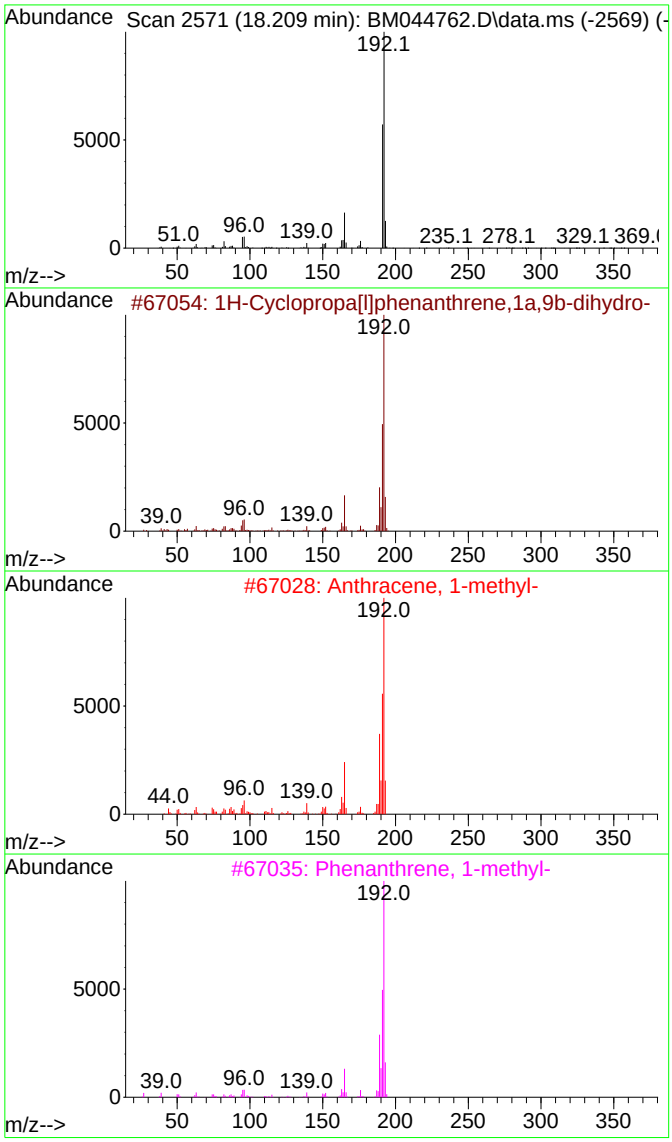
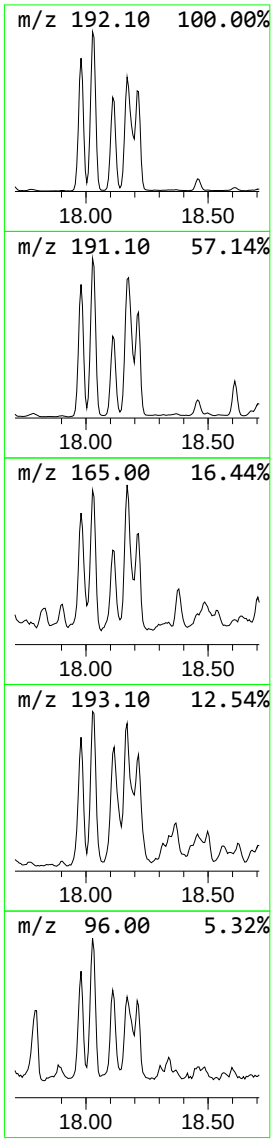
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Anthracene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.209	23.11 ng	2267420	Phenanthrene-d10	17.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90





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ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
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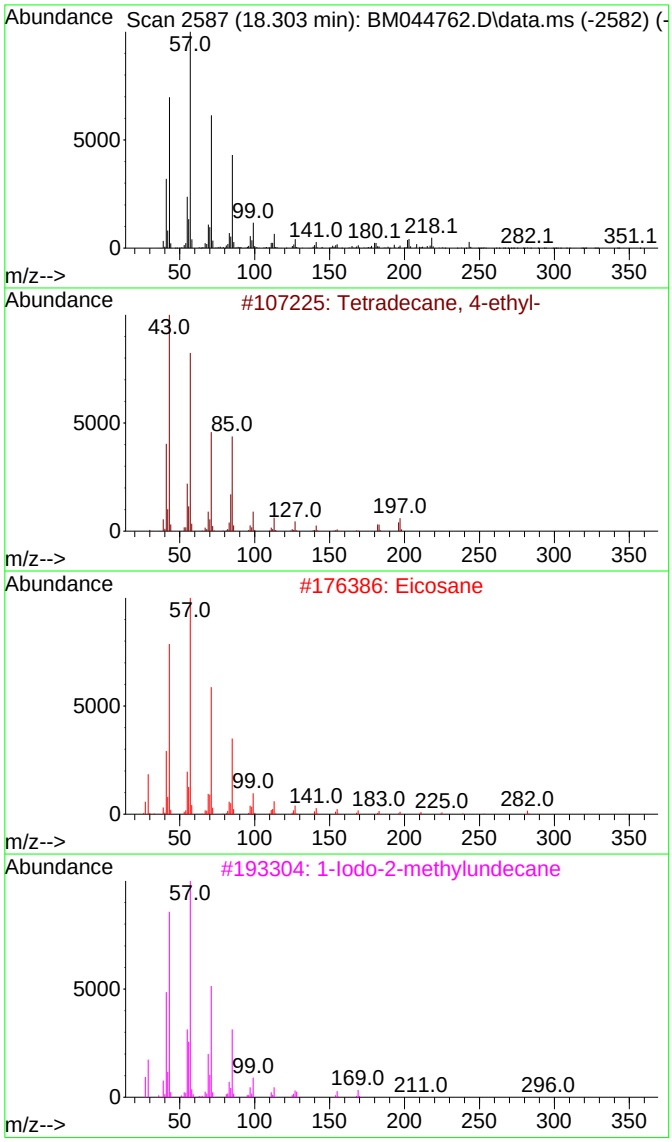
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

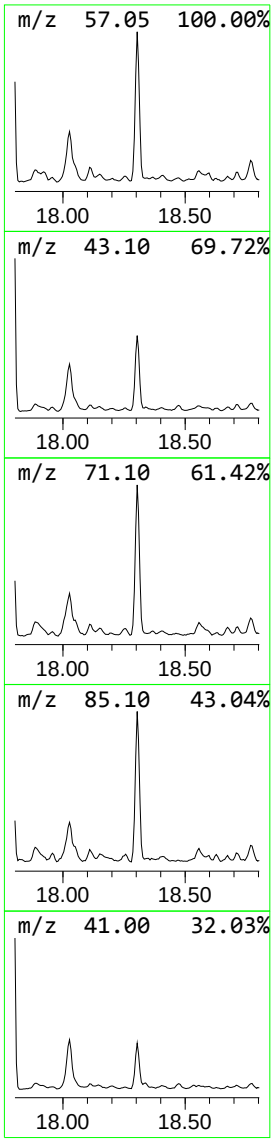
****

Peak Number 15 Tetradecane, 4-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.303	32.92 ng	3229490	Phenanthrene-d10	17.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	83
2	Eicosane	282	C20H42	000112-95-8	83
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	83
4	Octadecane	254	C18H38	000593-45-3	80
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80





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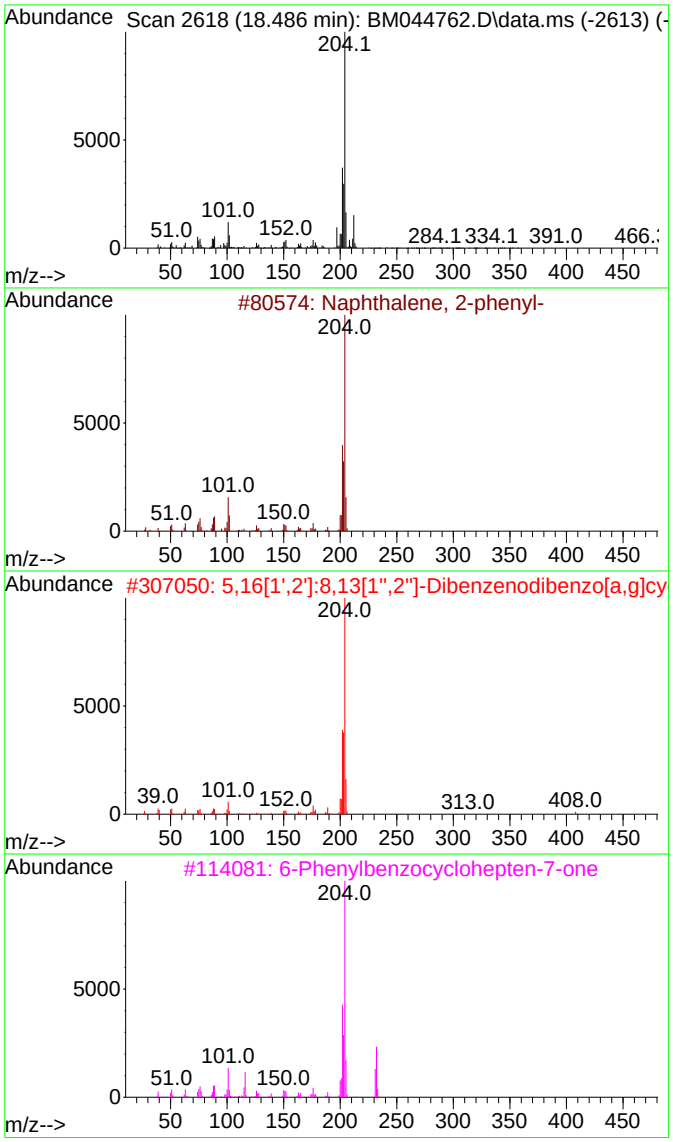
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

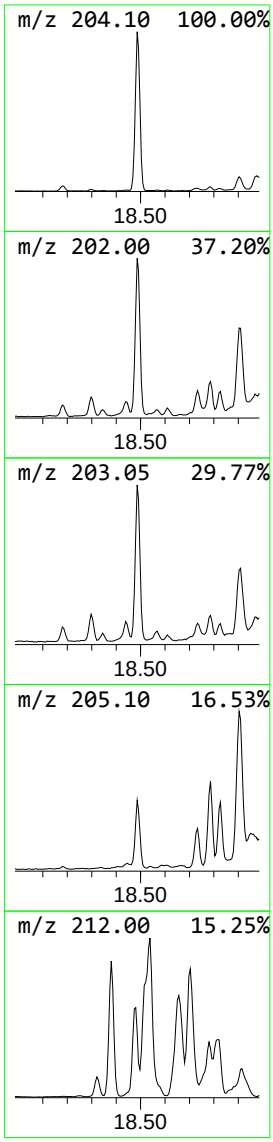
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Naphthalene, 2-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.486	24.52 ng	2405110	Phenanthrene-d10	17.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	72
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53





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Operator : MA/JU
Sample : P1847-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-02-032224

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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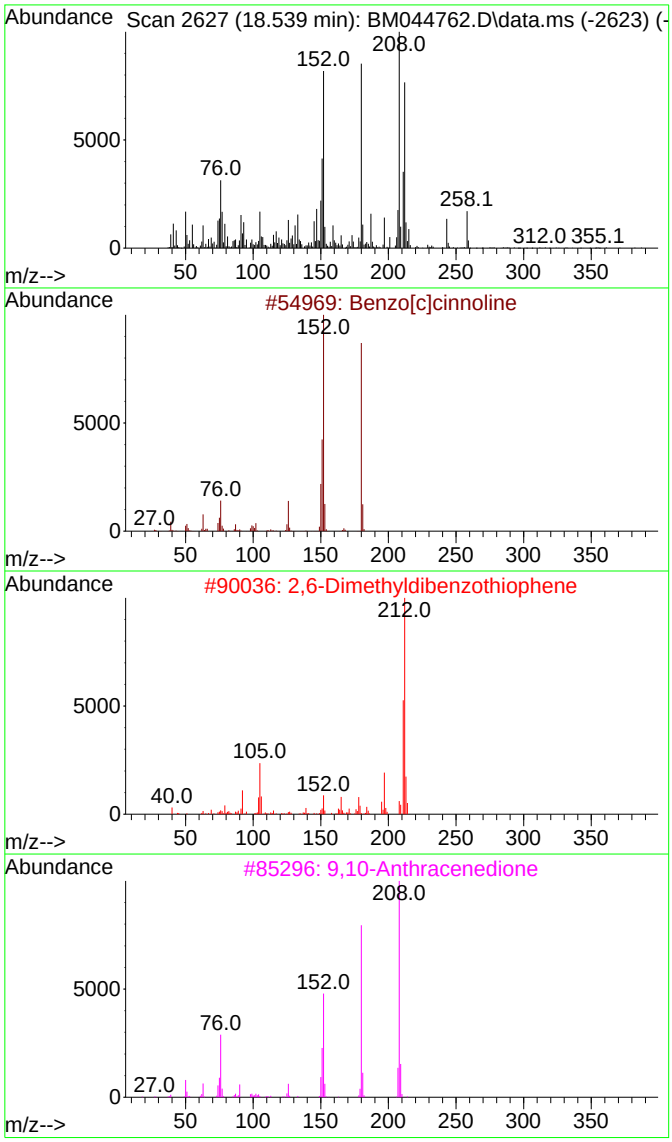
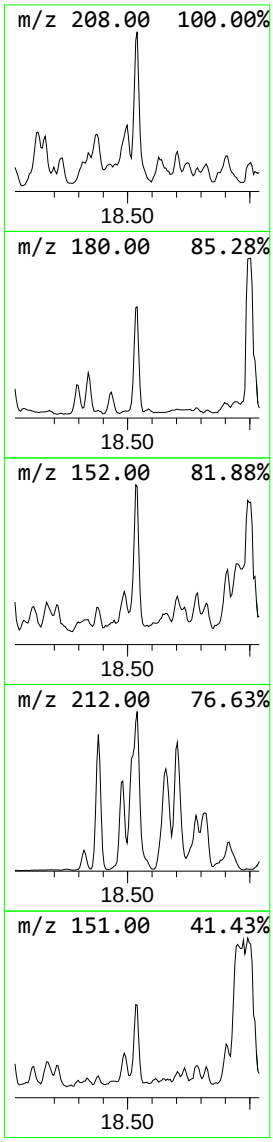
Peak Number 17 Benzo[c]cinnoline Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.539	19.24 ng	1887780	Phenanthrene-d10	17.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	95
2	2,6-Dimethyldibenzothiophene	212	C14H12S	089816-75-1	90
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	70
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
5	Dibenzothiophene, 4,6-dimethyl-	212	C14H12S	001207-12-1	56





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032524\
Data File : BM044762.D
Acq On : 25 Mar 2024 19:00
Operator : MA/JU
Sample : P1847-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SU-02-032224

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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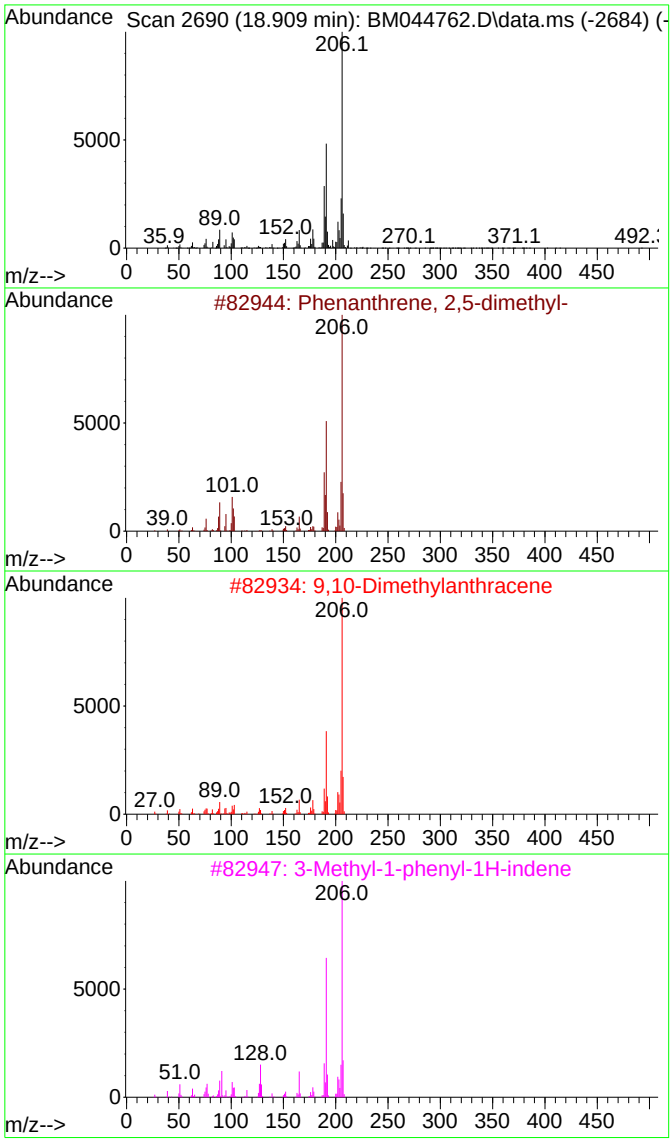
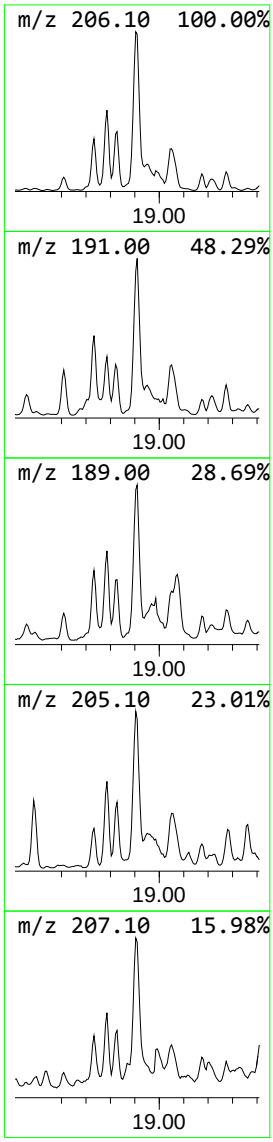
Peak Number 18 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.909	42.41 ng	4160590	Phenanthrene-d10	17.104

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	96
3	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
5	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032524\
Data File : BM044762.D
Acq On : 25 Mar 2024 19:00
Operator : MA/JU
Sample : P1847-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SU-02-032224

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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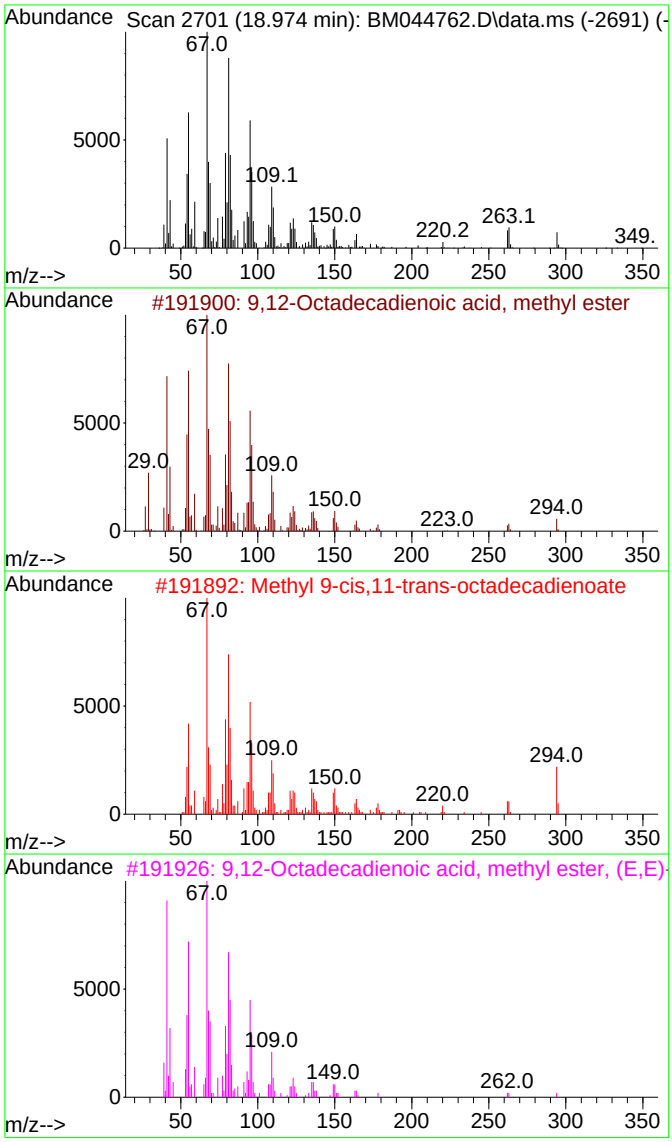
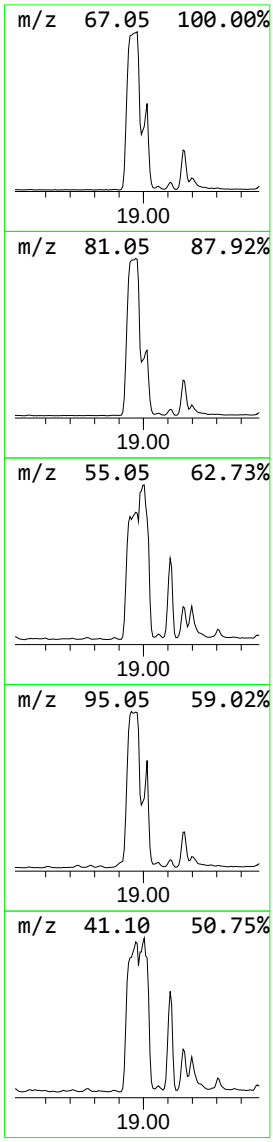
Peak Number 19 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.974	490.32 ng	48099200	Phenanthrene-d10	17.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032524\
Data File : BM044762.D
Acq On : 25 Mar 2024 19:00
Operator : MA/JU
Sample : P1847-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SU-02-032224

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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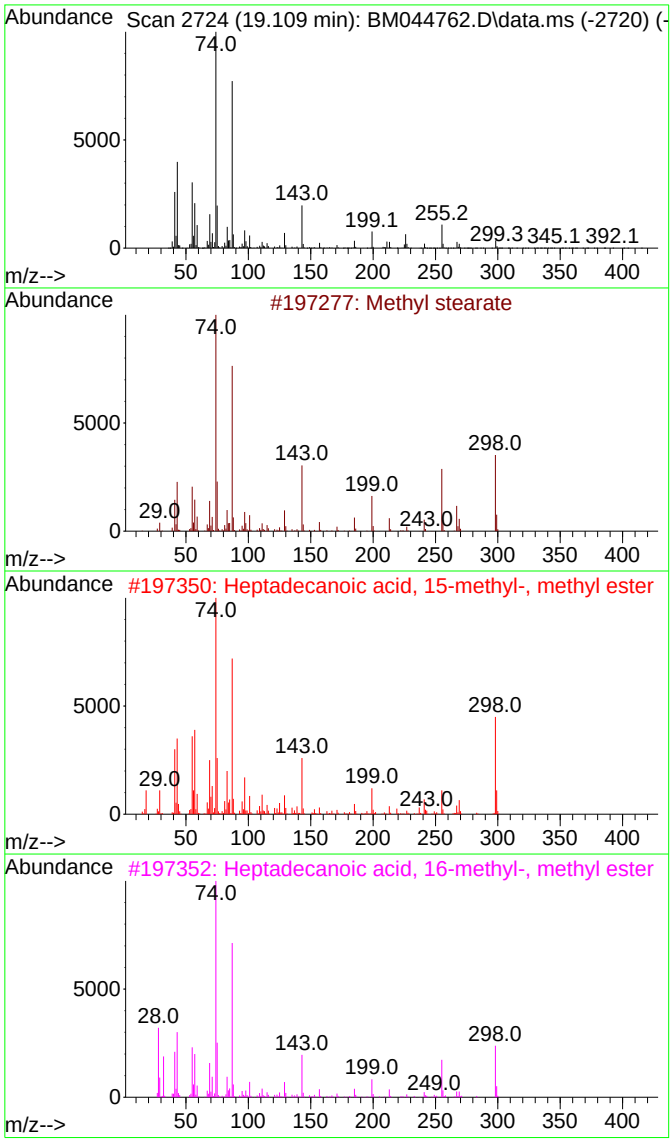
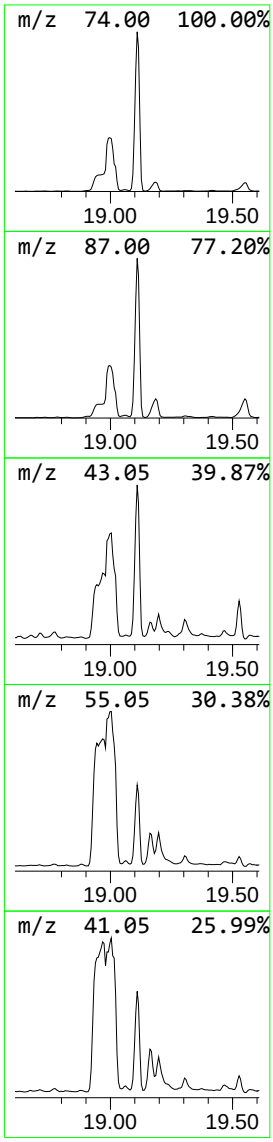
Peak Number 20 Methyl stearate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.109	137.26 ng	13465300	Phenanthrene-d10	17.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	90
3	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	89
4	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	87
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032524\
Data File : BM044762.D
Acq On : 25 Mar 2024 19:00
Operator : MA/JU
Sample : P1847-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SU-02-032224

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Naphthalene, 1,...	11.669	18.6	ng	1044090	2	10.480	1119900	20.0
Tridecane	11.898	48.8	ng	2730460	2	10.480	1119900	20.0
Pentadecane	14.245	28.1	ng	3611330	3	14.345	2573190	20.0
Hexadecane	15.204	26.3	ng	3386770	3	14.345	2573190	20.0
Heptadecane	16.068	57.0	ng	5587290	4	17.104	1961950	20.0
Nonadecane	16.862	31.3	ng	3074480	4	17.104	1961950	20.0
Dibenzothiophene	16.915	35.6	ng	3495160	4	17.104	1961950	20.0
Heptacosane	17.604	33.0	ng	3231880	4	17.104	1961950	20.0
Hexadecanoic ac...	17.798	253.6	ng	24879400	4	17.104	1961950	20.0
Phenanthrene, 2...	17.980	37.2	ng	3652680	4	17.104	1961950	20.0
Anthracene, 2-m...	18.027	75.8	ng	7430980	4	17.104	1961950	20.0
1H-Cyclopropa[l...	18.109	26.6	ng	2605230	4	17.104	1961950	20.0
4H-Cyclopenta[d...	18.174	79.1	ng	7757120	4	17.104	1961950	20.0
Anthracene, 1-m...	18.209	23.1	ng	2267420	4	17.104	1961950	20.0
Tetradecane, 4-...	18.303	32.9	ng	3229490	4	17.104	1961950	20.0
Naphthalene, 2-...	18.486	24.5	ng	2405110	4	17.104	1961950	20.0
Benzo[c]cinnoline	18.539	19.2	ng	1887780	4	17.104	1961950	20.0
Phenanthrene, 2...	18.909	42.4	ng	4160590	4	17.104	1961950	20.0
9,12-Octadecadi...	18.974	490.3	ng	48099200	4	17.104	1961950	20.0
Methyl stearate	19.109	137.3	ng	13465300	4	17.104	1961950	20.0