LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013024\
Data File : BG060497.D
Acq On : 31 Jan 2024 00:05
Operator : MA/JU
Sample : P1285-03 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHESTNUT-ST-TP-2

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_G\Methods\8270-BG010824.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060497.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.030	323	330	337	rBV	75719	123002	1.74%	0.150%
2	5.500	402	410	419	rBV	399982	674824	9.56%	0.821%
3	7.086	671	680	695	rBV	426613	865584	12.27%	1.053%
4	7.539	752	757	767	rVB2	106712	174163	2.47%	0.212%
5	7.921	811	822	833	rBV	577576	1096932	15.55%	1.334%
6	8.573	926	933	937	rBV3	60264	117054	1.66%	0.142%
7	8.678	946	951	955	rBV	57355	93523	1.33%	0.114%
8	9.084	1015	1020	1026	rVV	260593	503137	7.13%	0.612%
9	9.143	1026	1030	1036	rVB	381538	558894	7.92%	0.680%
10	9.266	1047	1051	1058	rVB6	40841	86275	1.22%	0.105%
11	9.383	1061	1071	1079	rVB10	32594	111960	1.59%	0.136%
12	9.560	1095	1101	1107	rBV3	56032	102926	1.46%	0.125%
13	9.848	1146	1150	1155	rVB3	56949	89658	1.27%	0.109%
14	9.901	1155	1159	1167	rBV6	34301	91099	1.29%	0.111%
15	10.065	1180	1187	1192	rBV5	80260	147435	2.09%	0.179%
16	10.141	1192	1200	1204	rBV3	106957	231639	3.28%	0.282%
17	10.247	1213	1218	1222	rBV	73964	111436	1.58%	0.136%
18	10.688	1287	1293	1296	rBV	586954	956811	13.56%	1.163%
19	10.729	1296	1300	1306	rVB	811438	1384913	19.63%	1.684%
20	10.876	1321	1325	1331	rVB	160034	244163	3.46%	0.297%
21	10.941	1331	1336	1343	rBV6	49475	95683	1.36%	0.116%
22	11.211	1375	1382	1388	rVB7	49176	114223	1.62%	0.139%
23	11.422	1413	1418	1425	rBV7	74148	159113	2.26%	0.193%
24	11.475	1425	1427	1434	rVB5	58375	100690	1.43%	0.122%
25	11.552	1436	1440	1447	rBV5	105843	174716	2.48%	0.212%
26	11.634	1447	1454	1462	rVB4	137605	266118	3.77%	0.324%
27	11.740	1462	1472	1476	rBV	251438	457702	6.49%	0.557%
28	11.775	1476	1478	1483	rVV6	62037	96537	1.37%	0.117%
29	11.916	1498	1502	1509	rVB7	41942	84805	1.20%	0.103%
30	12.139	1532	1540	1547	rBV	840787	1305331	18.50%	1.587%
31	12.356	1570	1577	1580	rBV3	78581	168439	2.39%	0.205%
32	12.609	1613	1620	1628	rBV8	68783	172168	2.44%	0.209%
33	12.768	1641	1647	1651	rBV3	110468	190579	2.70%	0.232%
34	12.815	1651	1655	1661	rVV4	77665	194271	2.75%	0.236%
35	12.874	1662	1665	1669	rVB	70085	91201	1.29%	0.111%
36	12.950	1674	1678	1682	rVB	131327	186722	2.65%	0.227%

LSC Area Percent Report

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Operator : MA/JU
Sample : P1285-03 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHESTNUT-ST-TP-2

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_G\Methods\8270-BG010824.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.032	1688	1692	1697	rBV	122176	182337	2.58%	0.222%
38	13.085	1697	1701	1709	rVV2	281960	462363	6.55%	0.562%
39	13.179	1711	1717	1727	rVB	929840	1482680	21.02%	1.803%
40	13.379	1742	1751	1759	rBV	1005844	1621735	22.99%	1.972%
41	13.890	1832	1838	1843	rBV7	105686	277665	3.94%	0.338%
42	13.943	1844	1847	1851	rVV2	122256	173576	2.46%	0.211%
43	14.007	1855	1858	1859	rVV2	133017	142887	2.03%	0.174%
44	14.031	1859	1862	1866	rVV	308933	437697	6.20%	0.532%
45	14.072	1866	1869	1875	rVV3	154768	238027	3.37%	0.289%
46	14.149	1879	1882	1887	rVB2	132828	180948	2.56%	0.220%
47	14.395	1919	1924	1928	rVB4	60429	89143	1.26%	0.108%
48	14.448	1928	1933	1941	rBV	991720	1283158	18.19%	1.560%
49	14.560	1941	1952	1959	rBV	1598294	2701066	38.28%	3.284%
50	14.624	1959	1963	1970	rVB3	144392	264945	3.76%	0.322%
51	14.895	2003	2009	2010	rBV4	57029	91462	1.30%	0.111%
52	14.953	2015	2019	2024	rVB2	131568	220253	3.12%	0.268%
53	15.065	2035	2038	2045	rVB2	110917	179413	2.54%	0.218%
54	15.400	2090	2095	2099	rVB	536577	655062	9.28%	0.797%
55	15.606	2125	2130	2135	rBV	199543	313666	4.45%	0.381%
56	15.805	2154	2164	2169	rBV3	101534	244055	3.46%	0.297%
57	15.899	2177	2180	2186	rVB5	59002	88135	1.25%	0.107%
58	16.052	2197	2206	2213	rBV	620754	1028821	14.58%	1.251%
59	16.264	2237	2242	2245	rBV	244831	355590	5.04%	0.432%
60	16.405	2260	2266	2272	rBV7	44916	97461	1.38%	0.119%
61	16.610	2291	2301	2305	rBV9	48976	133340	1.89%	0.162%
62	17.057	2372	2377	2381	rBV3	126246	180715	2.56%	0.220%
63	17.127	2381	2389	2397	rVB	151674	303777	4.31%	0.369%
64	17.310	2414	2420	2424	rBV	1989609	3112486	44.12%	3.785%
65	17.351	2424	2427	2434	rVV	2442934	3725570	52.81%	4.530%
66	17.445	2438	2443	2449	rVB	612982	923126	13.08%	1.123%
67	17.715	2479	2489	2498	rBV	236654	435358	6.17%	0.529%
68	18.185	2564	2569	2573	rBV	217385	325527	4.61%	0.396%
69	18.232	2573	2577	2583	rVB	312020	478155	6.78%	0.581%
70	18.314	2587	2591	2596	rBV	102505	151740	2.15%	0.185%
71	18.385	2597	2603	2607	rBV2	521885	886795	12.57%	1.078%
72	18.684	2650	2654	2659	rBV	192657	262110	3.72%	0.319%
73	18.984	2702	2705	2708	rVV	69630	91727	1.30%	0.112%
74	19.019	2708	2711	2714	rVB3	64834	85796	1.22%	0.104%
75	19.102	2720	2725	2731	rBV3	164893	344664	4.89%	0.419%
76	19.372	2764	2771	2777	rBV	4680844	7019287	99.49%	8.535%

LSC Area Percent Report

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Operator : MA/JU
Sample : P1285-03 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHESTNUT-ST-TP-2

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
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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	19.613	2808	2812	2821	rVB2	173813	298922	4.24%	0.363%
78	19.701	2822	2827	2828	rBV	974239	1244425	17.64%	1.513%
79	19.730	2828	2832	2840	rVV	4113102	6467527	91.67%	7.865%
80	19.801	2840	2844	2851	rVB3	245452	437230	6.20%	0.532%
81	19.924	2859	2865	2870	rBV2	1616461	2215694	31.40%	2.694%
82	19.965	2870	2872	2878	rVB	182283	241808	3.43%	0.294%
83	20.053	2881	2887	2893	rBV3	214173	604646	8.57%	0.735%
84	20.224	2911	2916	2921	rVB	866602	1298585	18.41%	1.579%
85	20.324	2928	2933	2937	rBV	871712	1258109	17.83%	1.530%
86	20.382	2939	2943	2946	rVV2	347331	536232	7.60%	0.652%
87	20.418	2946	2949	2954	rVB	280247	352211	4.99%	0.428%
88	20.518	2963	2966	2970	rBV	204010	263308	3.73%	0.320%
89	20.565	2971	2974	2977	rVV2	222206	280276	3.97%	0.341%
90	21.158	3072	3075	3079	rBV	324115	419854	5.95%	0.511%
91	21.205	3079	3083	3087	rVV2	258547	354111	5.02%	0.431%
92	21.252	3087	3091	3096	rVB3	204360	352034	4.99%	0.428%
93	21.569	3137	3145	3150	rBV3	2697038	7055295	100.00%	8.579%
94	21.622	3150	3154	3162	rVB	1790389	3057403	43.33%	3.718%
95	21.769	3174	3179	3184	rBV2	479626	775727	10.99%	0.943%
96	21.969	3210	3213	3222	rVB2	246841	485817	6.89%	0.591%
97	23.731	3506	3513	3521	rBV	1071099	3451940	48.93%	4.198%
98	24.442	3627	3634	3647	rVB	709805	1925246	27.29%	2.341%
99	24.589	3651	3659	3672	rVB	1060052	2986193	42.33%	3.631%
100	24.736	3677	3684	3692	rBV	1105719	2978166	42.21%	3.621%

Sum of corrected areas: 82236803

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013024\
Data File : BG060497.D
Acq On : 31 Jan 2024 00:05
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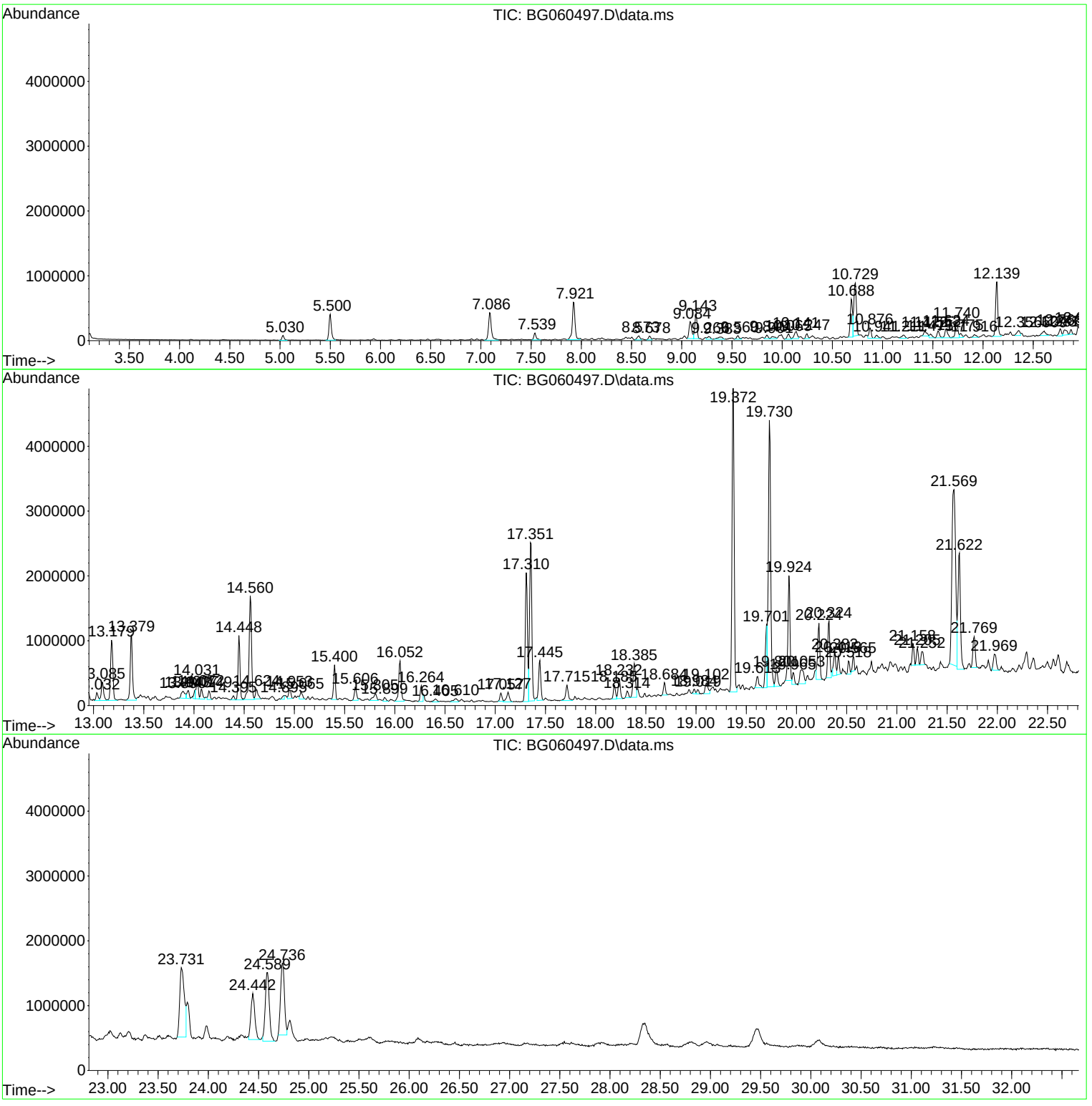
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHESTNUT-ST-TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.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_G\Data\BG013024\
Data File : BG060497.D
Acq On : 31 Jan 2024 00:05
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Instrument :
BNA_G
ClientSampleId :
CHESTNUT-ST-TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

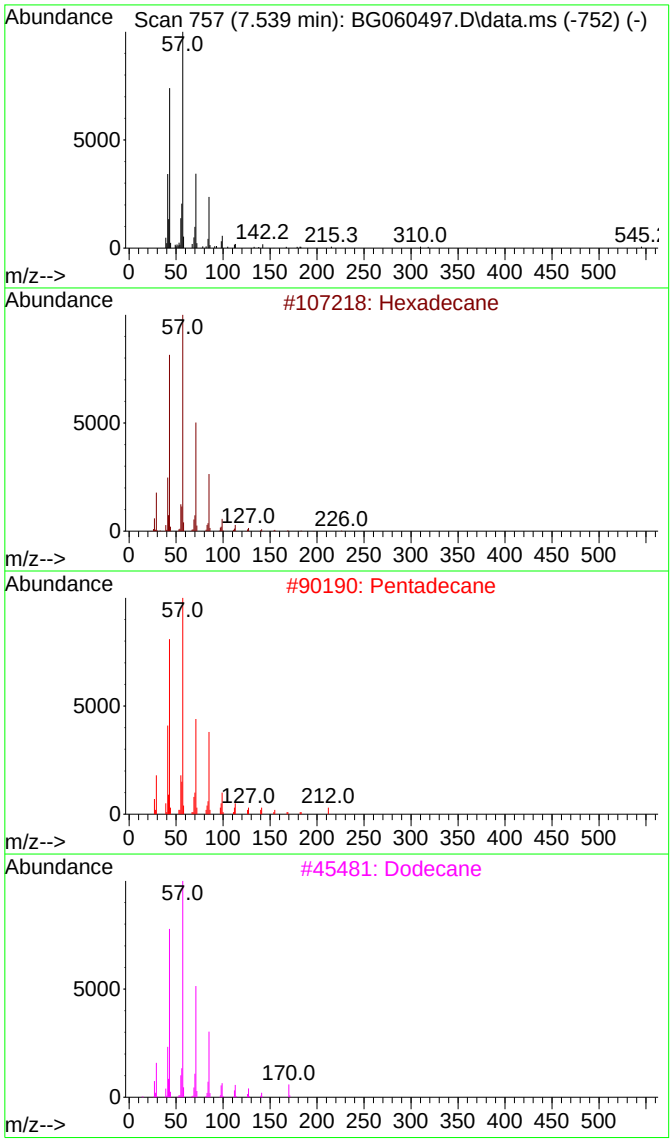
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

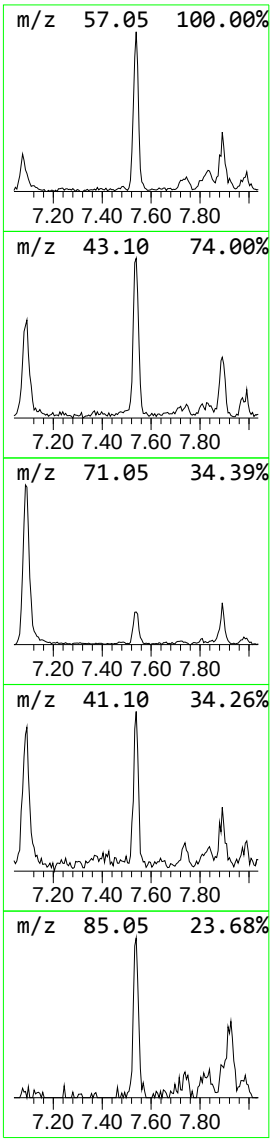
****

Peak Number 1 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.539	3.18 ng	174163	1,4-Dichlorobenzene-d4	7.926

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	72
2	Pentadecane	212	C15H32	000629-62-9	72
3	Dodecane	170	C12H26	000112-40-3	72
4	Tridecane	184	C13H28	000629-50-5	64
5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013024\
Data File : BG060497.D
Acq On : 31 Jan 2024 00:05
Operator : MA/JU
Sample : P1285-03 5X
Misc :
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Instrument :
BNA_G
ClientSampleId :
CHESTNUT-ST-TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

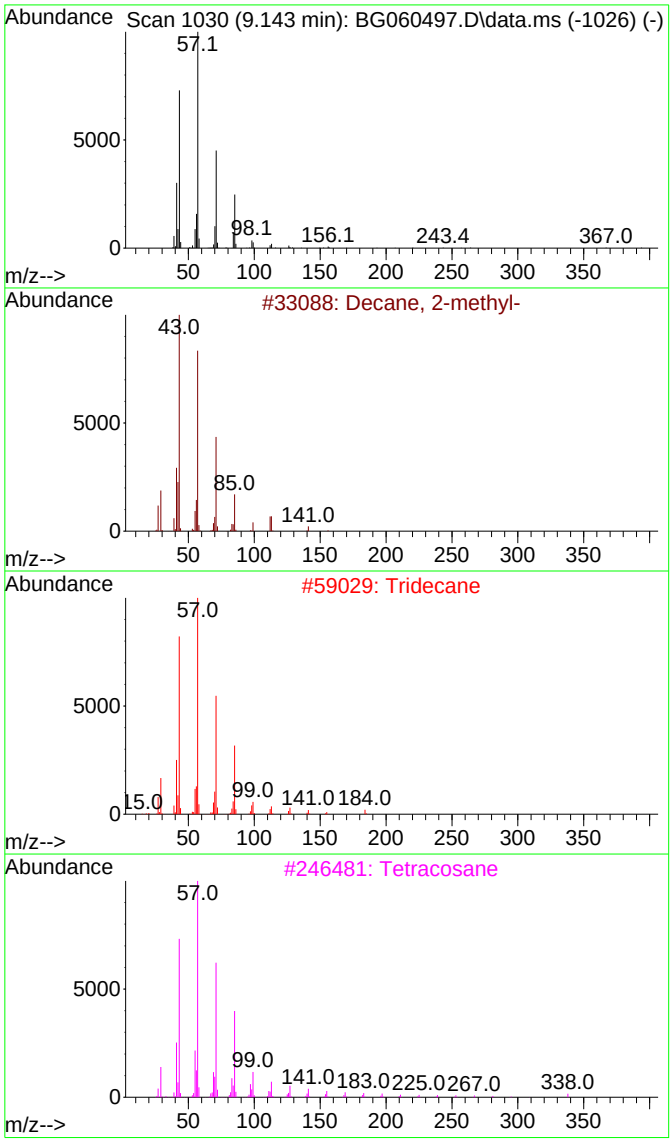
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

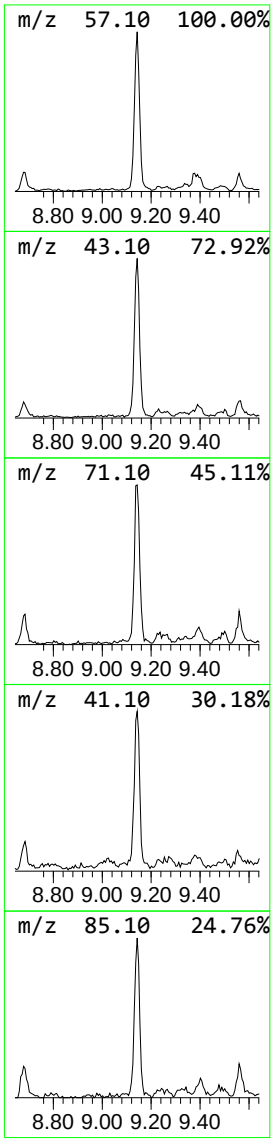
****

Peak Number 2 Decane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.143	10.19 ng	558894	1,4-Dichlorobenzene-d4	7.926

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	86
2	Tridecane	184	C13H28	000629-50-5	83
3	Tetracosane	338	C24H50	000646-31-1	78
4	Tritetracontane	605	C43H88	007098-21-7	78
5	Undecane	156	C11H24	001120-21-4	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013024\
Data File : BG060497.D
Acq On : 31 Jan 2024 00:05
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Sample : P1285-03 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.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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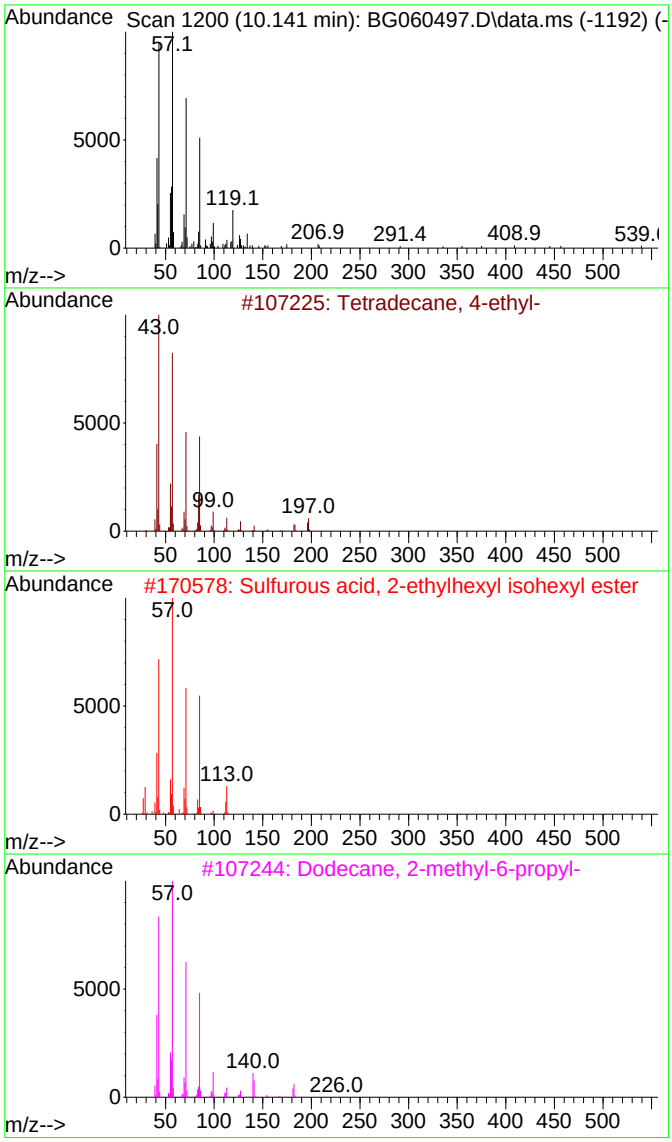
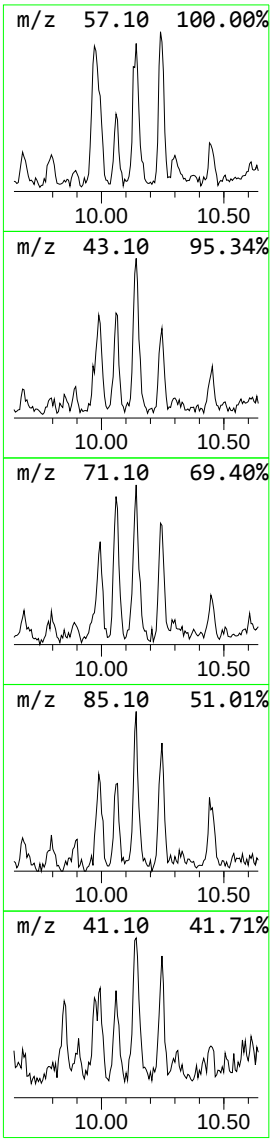
Peak Number 3 Tetradecane, 4-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.141	3.35 ng	231639	Naphthalene-d8	10.729

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	59
2	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	53
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	53
4	Sulfurous acid, isohexyl 2-penty...	236	C11H24O3S	1000309-15-5	50
5	Undecane, 5-ethyl-	184	C13H28	017453-94-0	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013024\
Data File : BG060497.D
Acq On : 31 Jan 2024 00:05
Operator : MA/JU
Sample : P1285-03 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHESTNUT-ST-TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

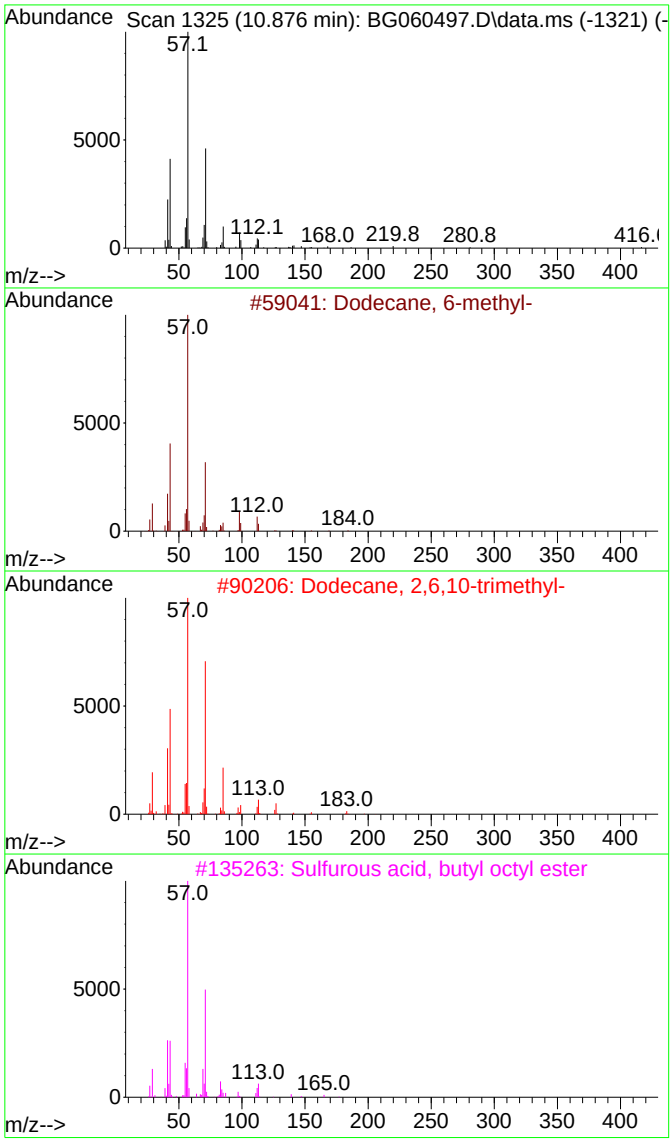
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

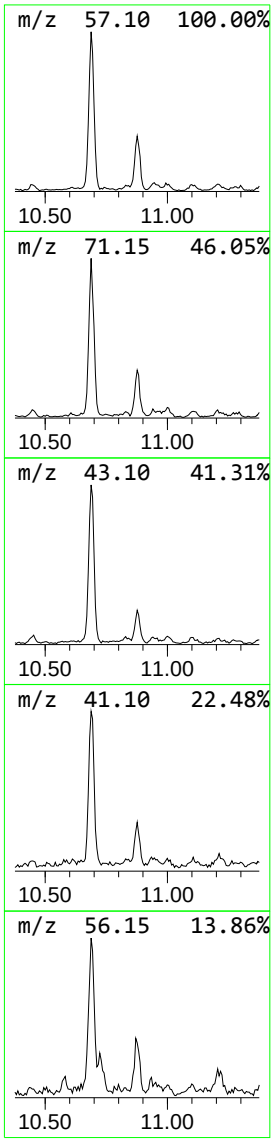
****

Peak Number 4 Dodecane, 6-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.876	3.53 ng	244163	Naphthalene-d8	10.729

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 6-methyl-	184	C13H28	006044-71-9	72
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
3	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	64
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
5	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013024\
Data File : BG060497.D
Acq On : 31 Jan 2024 00:05
Operator : MA/JU
Sample : P1285-03 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHESTNUT-ST-TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

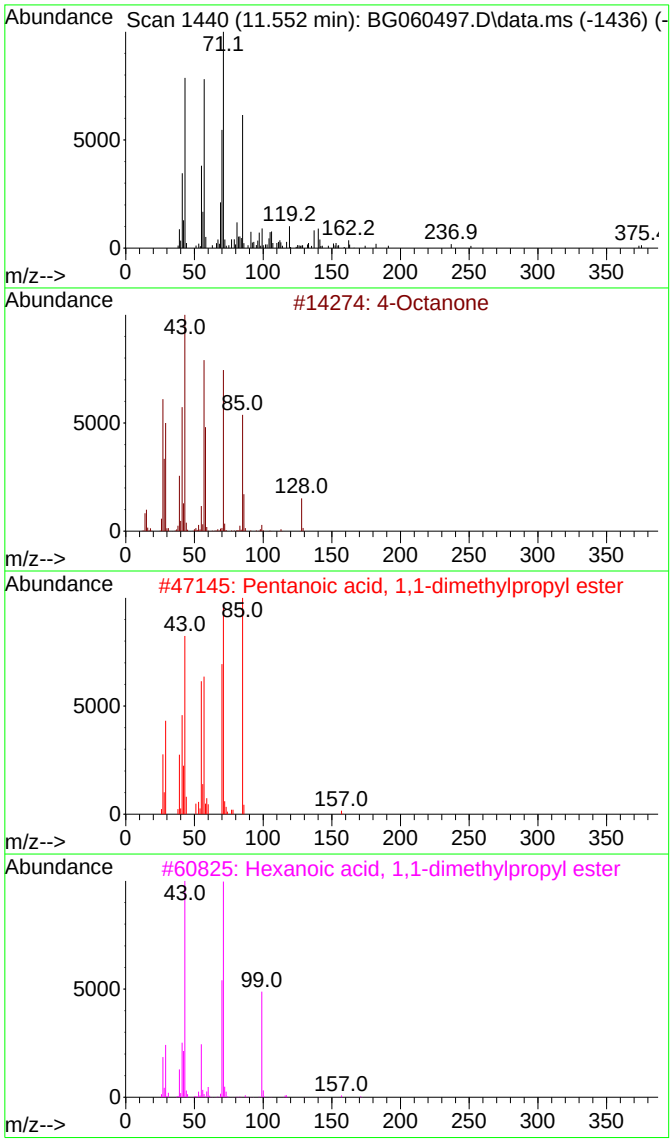
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

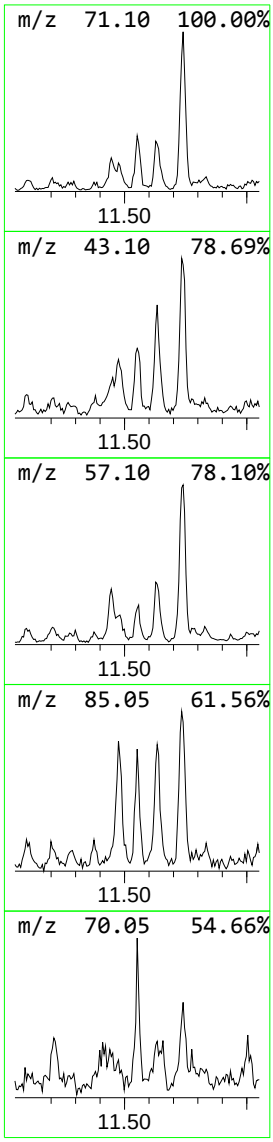
****

Peak Number 5 4-Octanone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.552	2.52 ng	174716	Naphthalene-d8	10.729

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Octanone	128	C8H16O	000589-63-9	50
2	Pentanoic acid, 1,1-dimethylprop...	172	C10H20O2	117421-32-6	47
3	Hexanoic acid, 1,1-dimethylpropy...	186	C11H22O2	116423-69-9	47
4	Sulfurous acid, decyl 2-propyl e...	264	C13H28O3S	1000309-12-1	43
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	43





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Data File : BG060497.D
Acq On : 31 Jan 2024 00:05
Operator : MA/JU
Sample : P1285-03 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHESTNUT-ST-TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.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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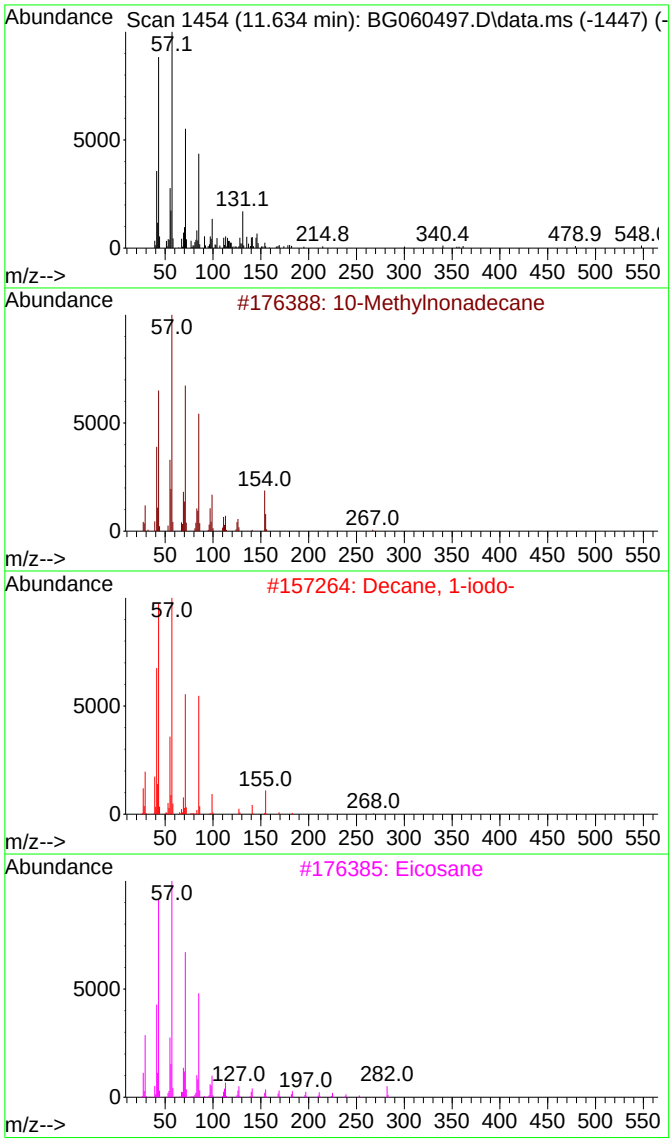
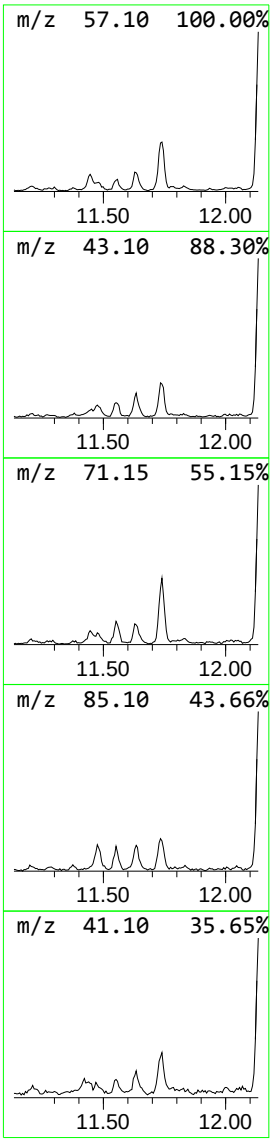
Peak Number 6 10-Methylnonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.634	3.84 ng	266118	Naphthalene-d8	10.729

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylnonadecane	282	C20H42	056862-62-5	72
2	Decane, 1-iodo-	268	C10H21I	002050-77-3	64
3	Eicosane	282	C20H42	000112-95-8	64
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	64
5	Nonadecane	268	C19H40	000629-92-5	64





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Operator : MA/JU
Sample : P1285-03 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHESTNUT-ST-TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

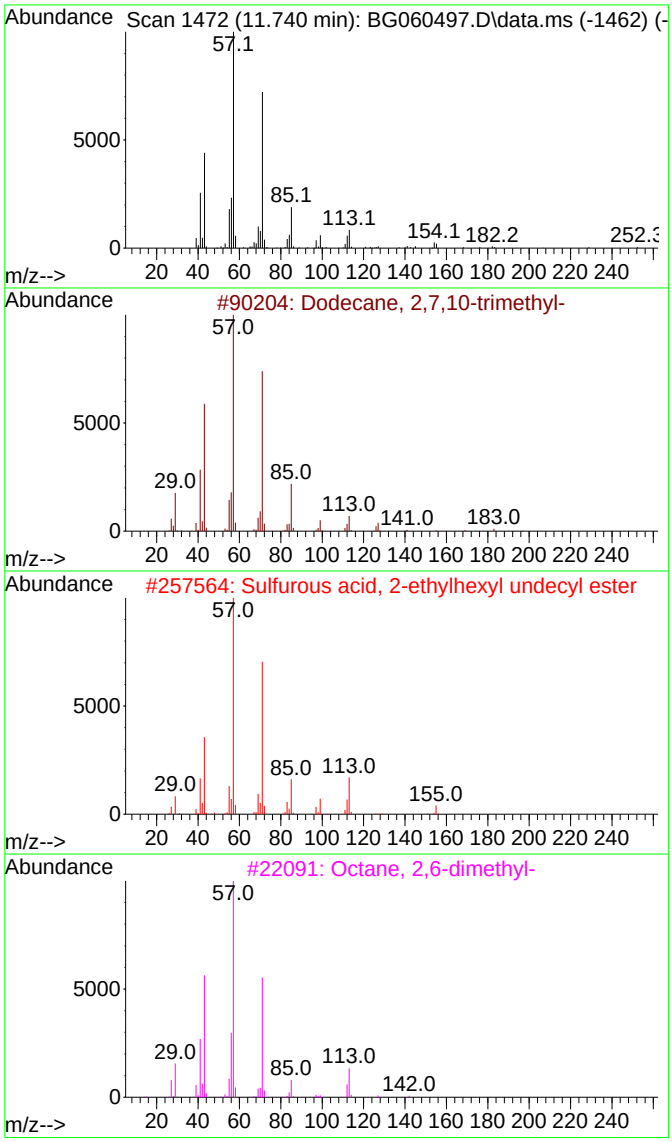
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

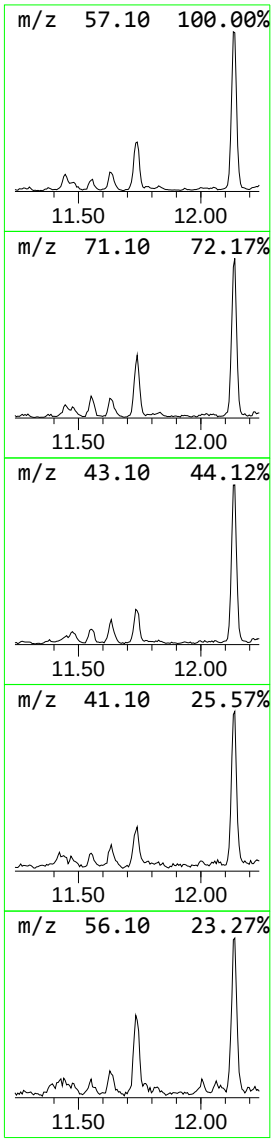
****

Peak Number 7 Dodecane, 2,7,10-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.740	6.61 ng	457702	Naphthalene-d8	10.729

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	83
2	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	80
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
4	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	78
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72





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Operator : MA/JU
Sample : P1285-03 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHESTNUT-ST-TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

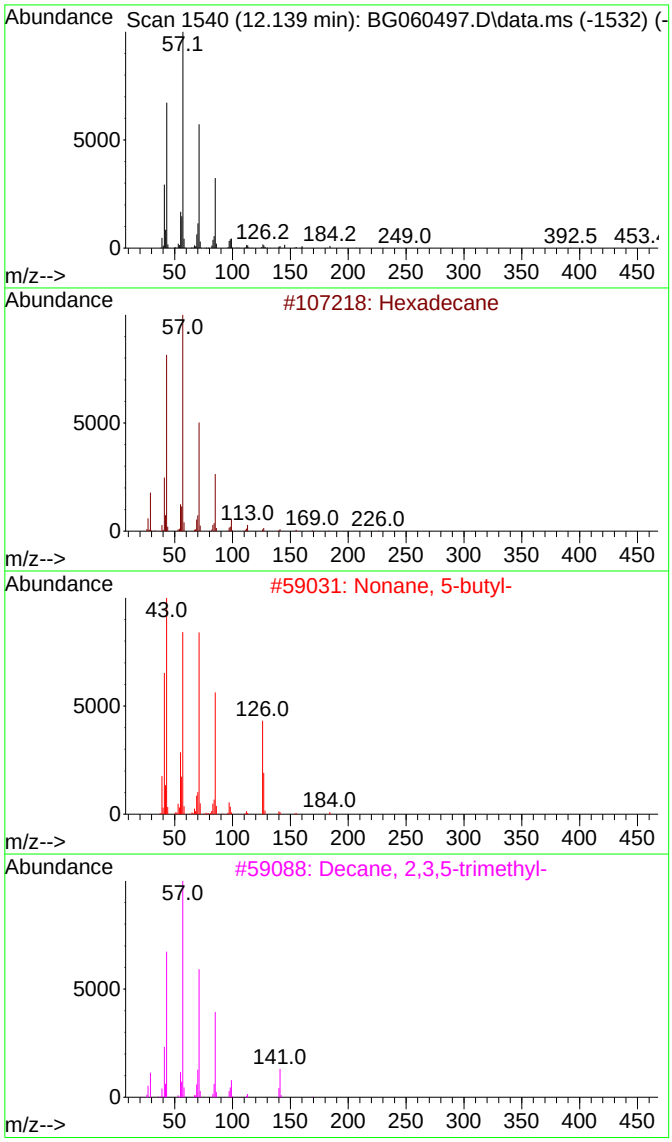
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

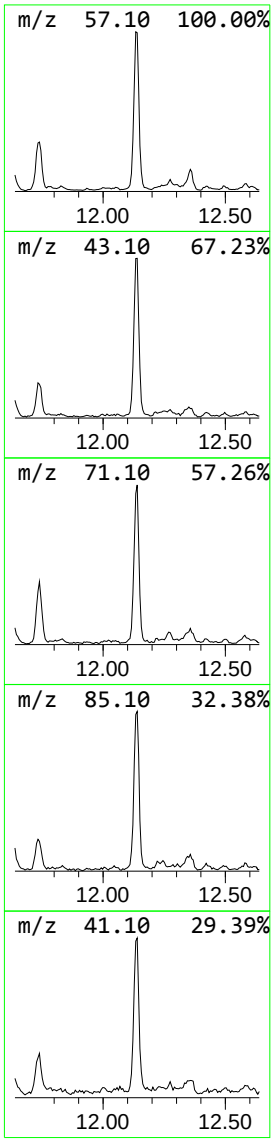
****

Peak Number 8 Nonane, 5-butyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.139	18.85 ng	1305330	Naphthalene-d8	10.729

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Nonane, 5-butyl-	184	C13H28	017312-63-9	81
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	59
5	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	53





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Acq On : 31 Jan 2024 00:05
Operator : MA/JU
Sample : P1285-03 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHESTNUT-ST-TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.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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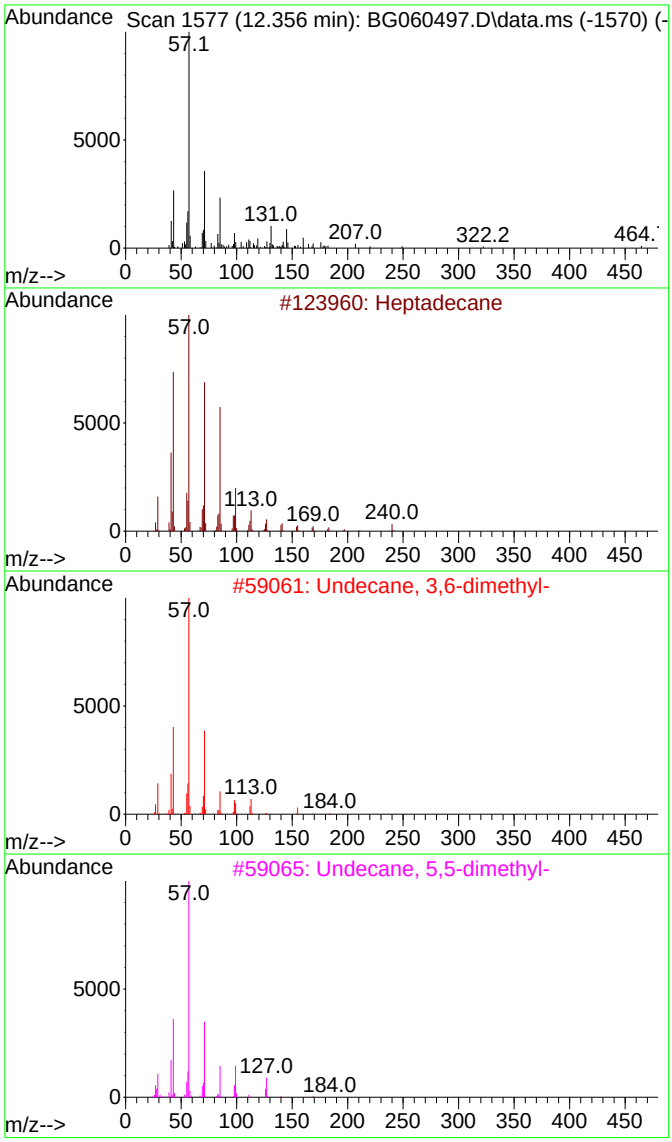
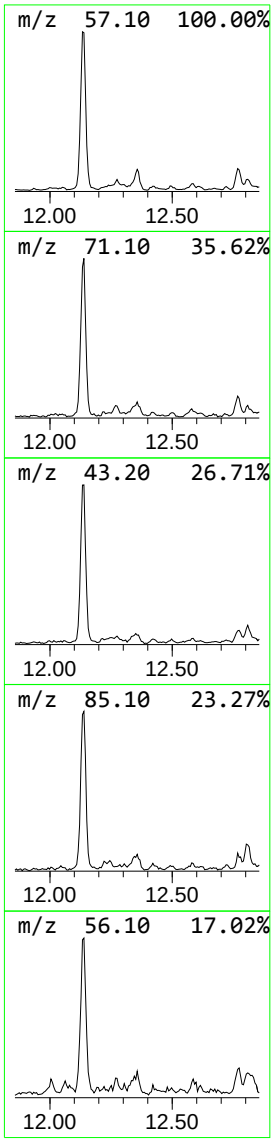
Peak Number 9 unknown12.357 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.357	2.43 ng	168439	Naphthalene-d8	10.729

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	47
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	43
3	Undecane, 5,5-dimethyl-	184	C13H28	017312-73-1	43
4	1-Hexanol, 2-ethyl-2-propyl-	172	C11H24O	054461-00-6	38
5	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	38





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Sample : P1285-03 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHESTNUT-ST-TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.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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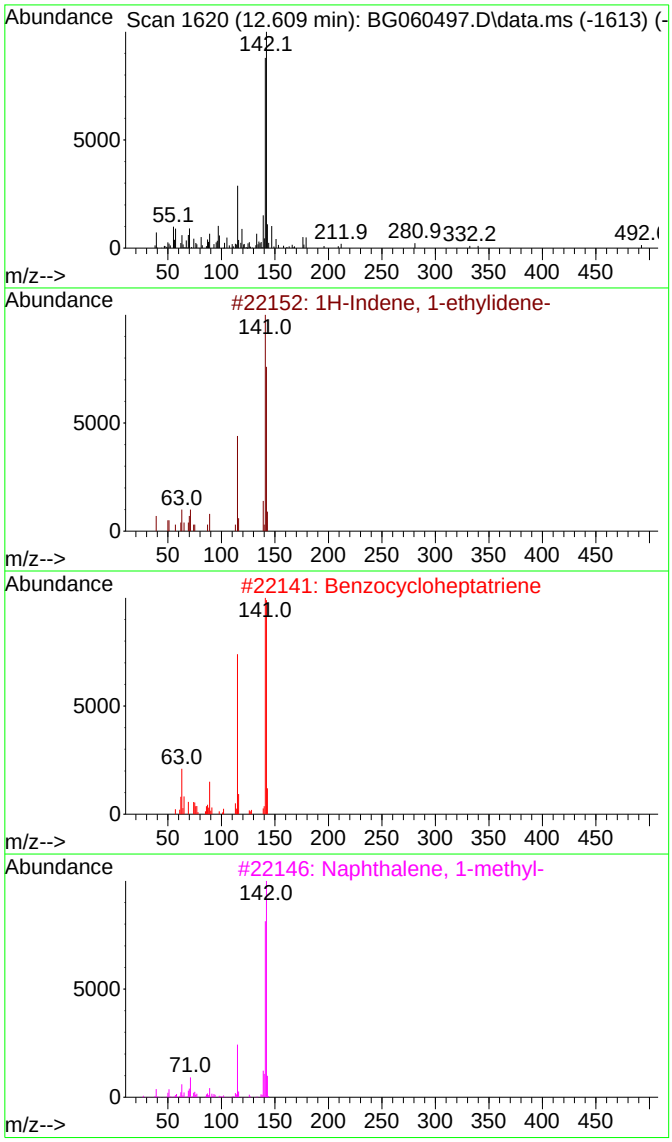
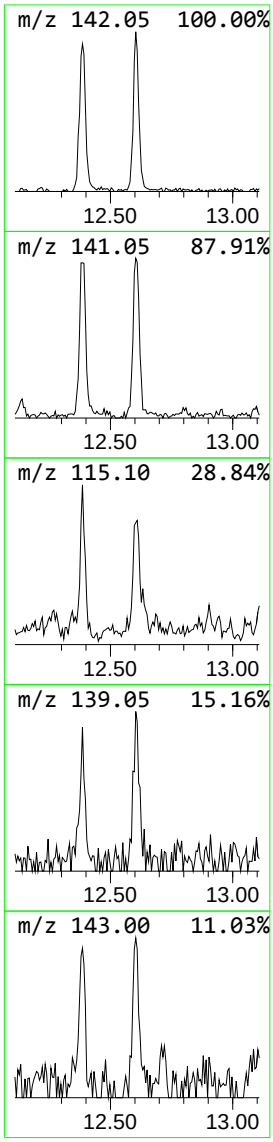
Peak Number 10 1H-Indene, 1-ethylidene- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.609	2.49 ng	172168	Naphthalene-d8	10.729

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	87
2	Benzocycloheptatriene	142	C11H10	000264-09-5	87
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	87
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	87
5	Naphthalene, 2-hexyl-	212	C16H20	002876-46-2	72





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Acq On : 31 Jan 2024 00:05
Operator : MA/JU
Sample : P1285-03 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHESTNUT-ST-TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

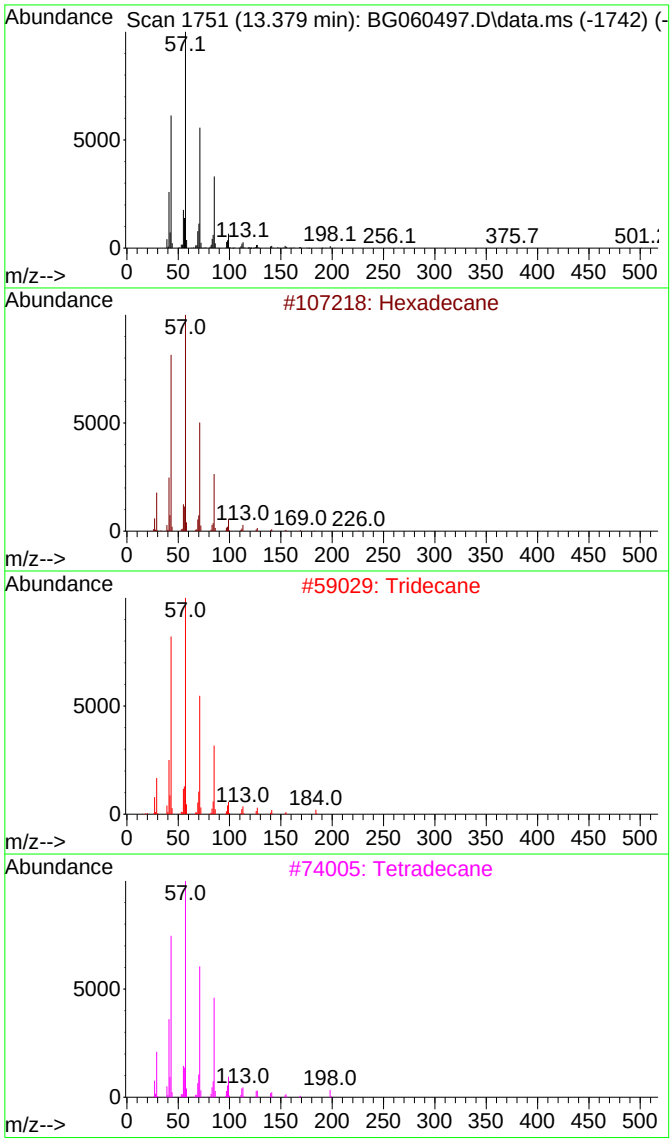
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

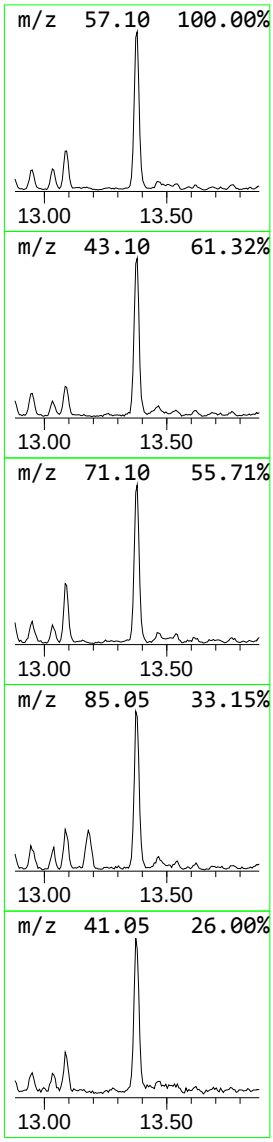
****

Peak Number 12 Tridecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.379	12.01 ng	1621740	Acenaphthene-d10	14.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tridecane	184	C13H28	000629-50-5	83
3	Tetradecane	198	C14H30	000629-59-4	83
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72





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Sample : P1285-03 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHESTNUT-ST-TP-2

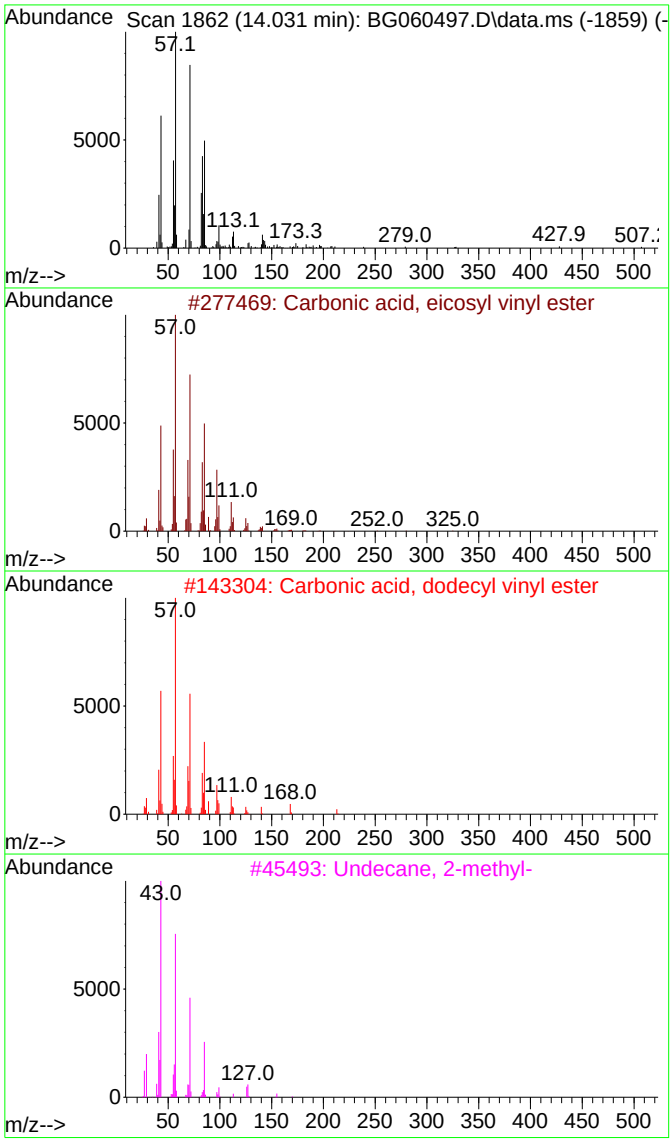
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

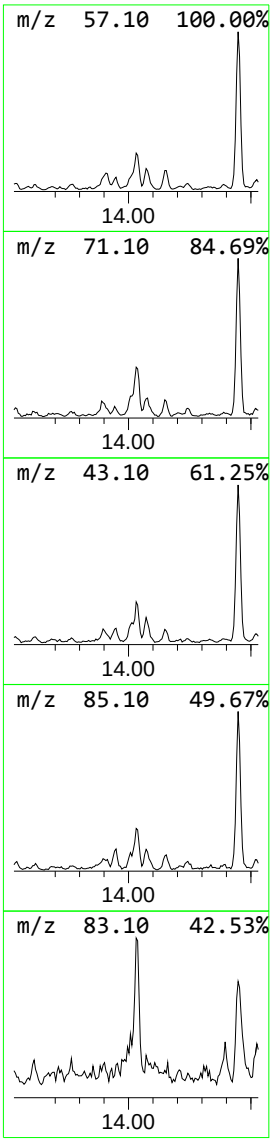
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Carbonic acid, eicosyl viny... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.031	3.24 ng	437697	Acenaphthene-d10	14.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	64
2	Carbonic acid, dodecyl vinyl ester	256	C15H28O3	1000382-54-8	64
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	58
4	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	53
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	53





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Sample : P1285-03 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHESTNUT-ST-TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

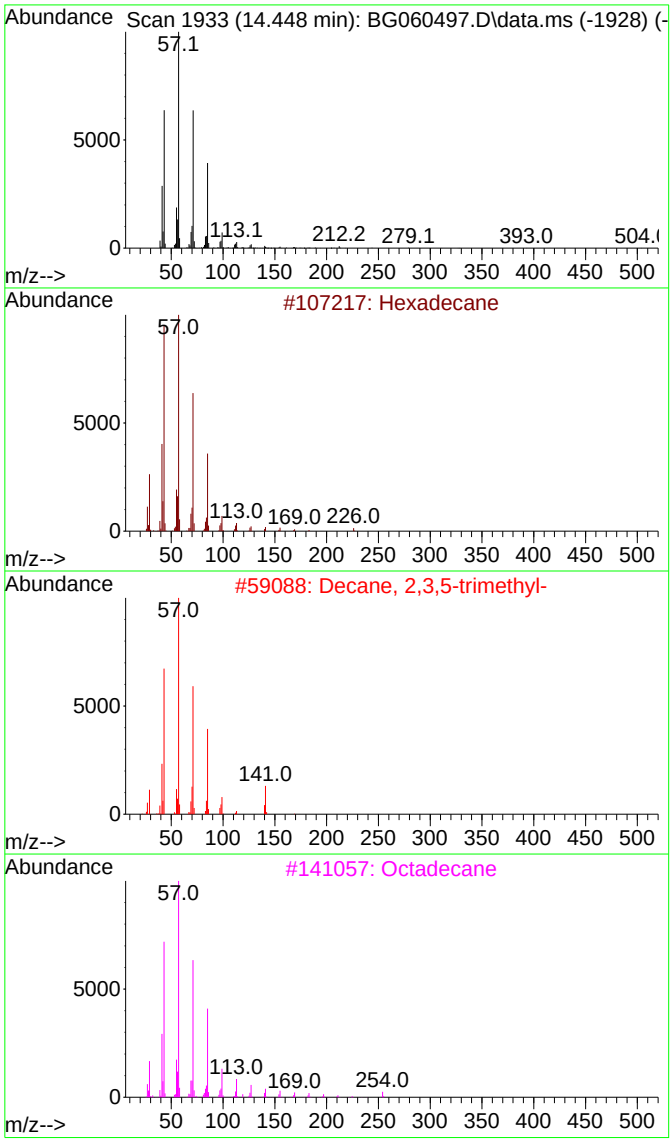
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

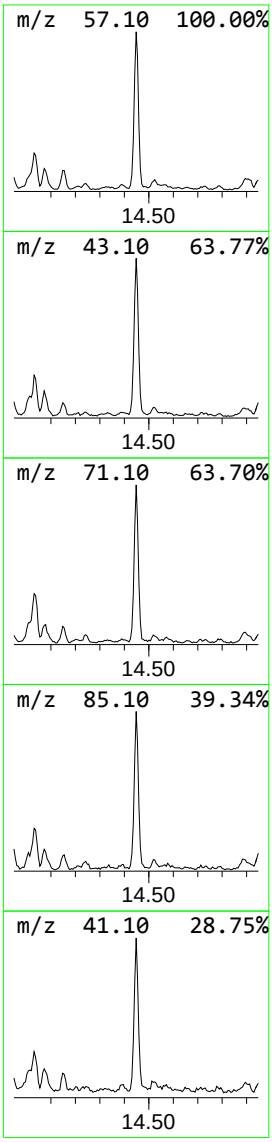
****

Peak Number 14 Decane, 2,3,5-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.448	9.50 ng	1283160	Acenaphthene-d10	14.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	83
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
3	Octadecane	254	C18H38	000593-45-3	72
4	Pentadecane	212	C15H32	000629-62-9	59
5	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	52





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Sample : P1285-03 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHESTNUT-ST-TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

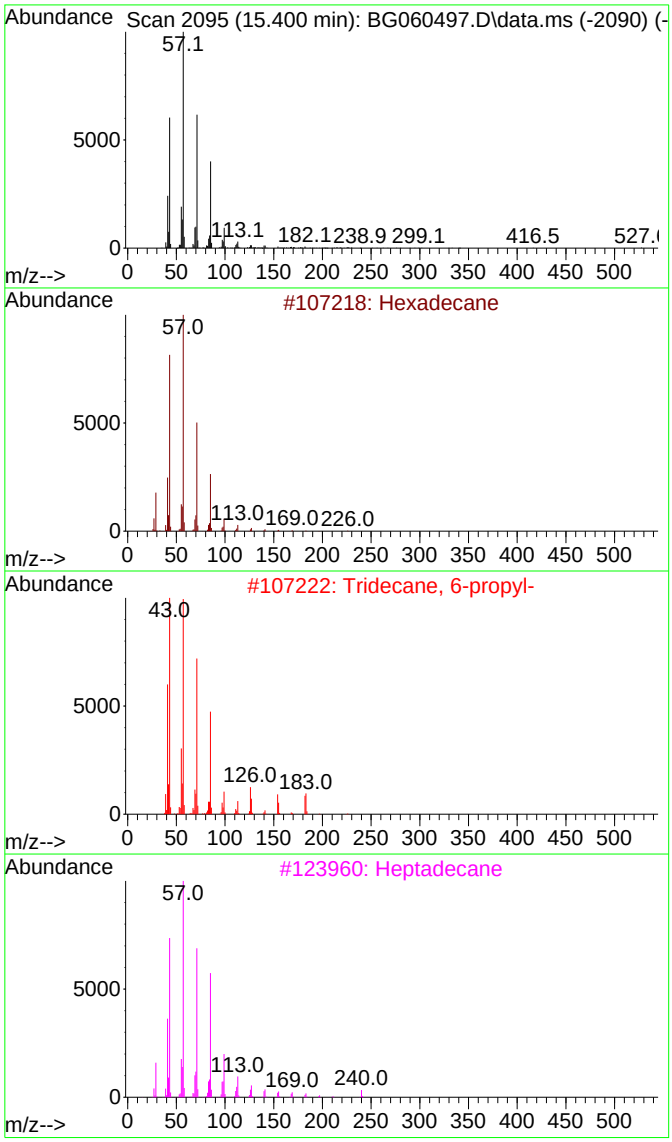
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

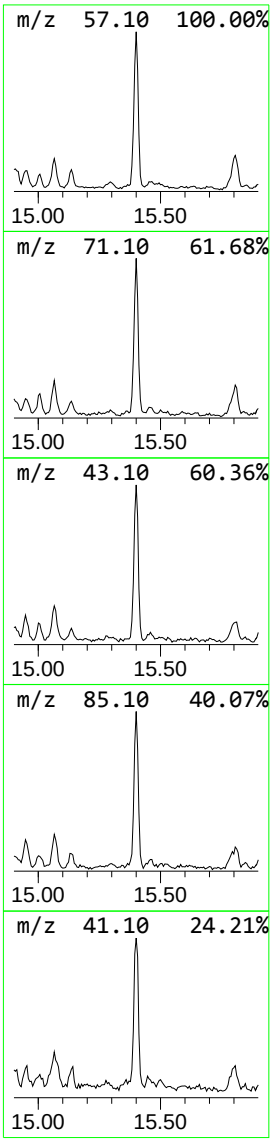
****

Peak Number 15 Tridecane, 6-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.400	4.85 ng	655062	Acenaphthene-d10	14.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	86
3	Heptadecane	240	C17H36	000629-78-7	83
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	74





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Sample : P1285-03 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHESTNUT-ST-TP-2

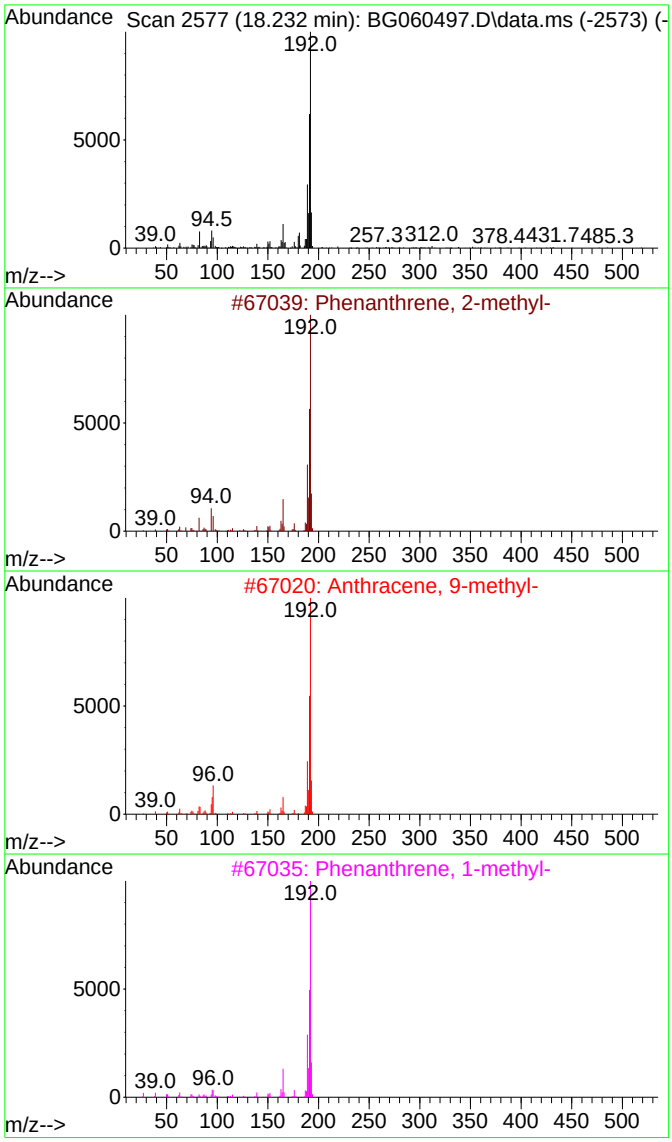
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

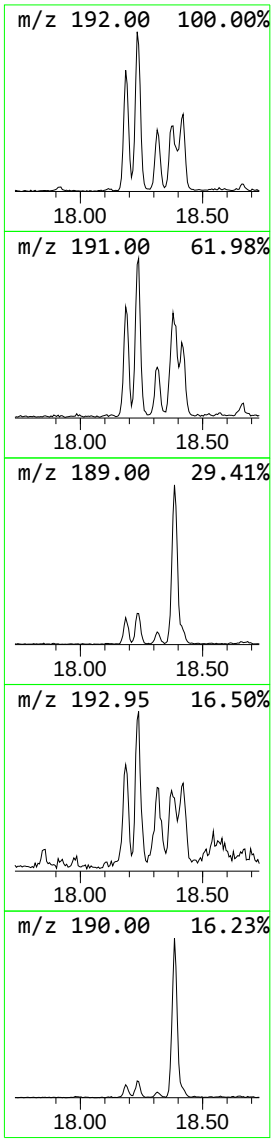
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Phenanthrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.232	3.07 ng	478155	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Operator : MA/JU
Sample : P1285-03 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHESTNUT-ST-TP-2

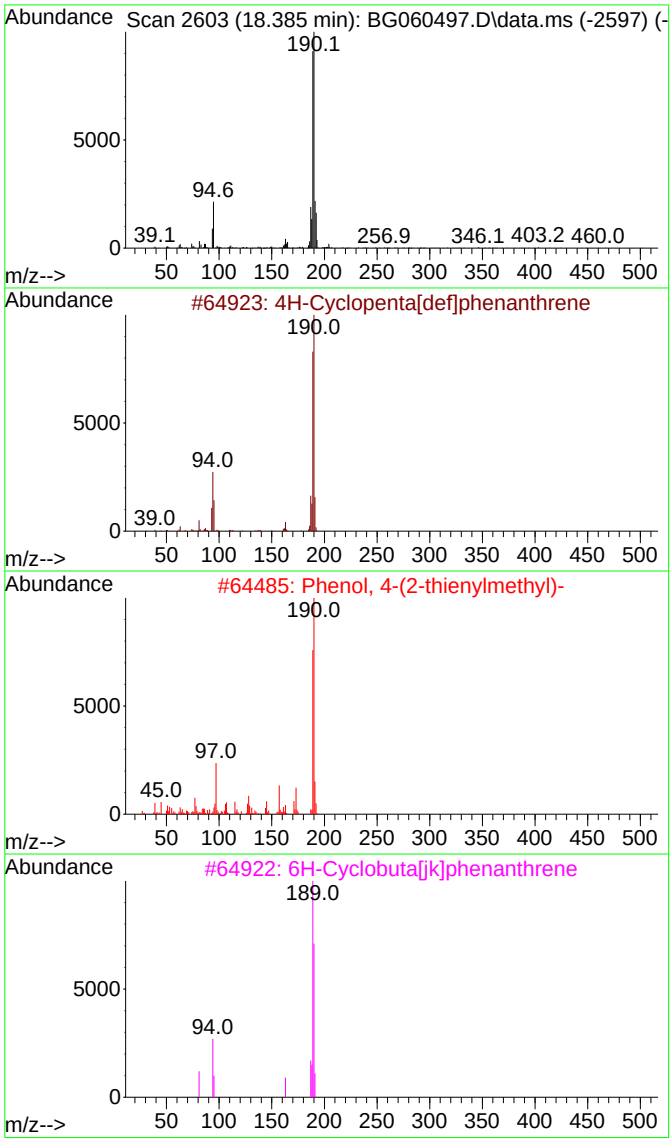
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

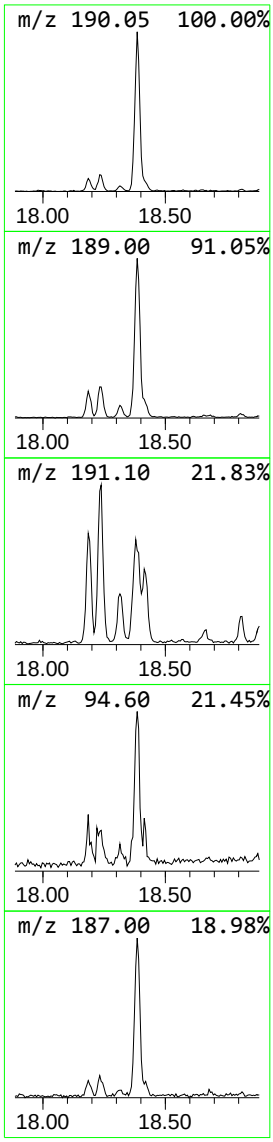
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.385	5.70 ng	886795	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	59
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	50
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25





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Data File : BG060497.D
Acq On : 31 Jan 2024 00:05
Operator : MA/JU
Sample : P1285-03 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHESTNUT-ST-TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.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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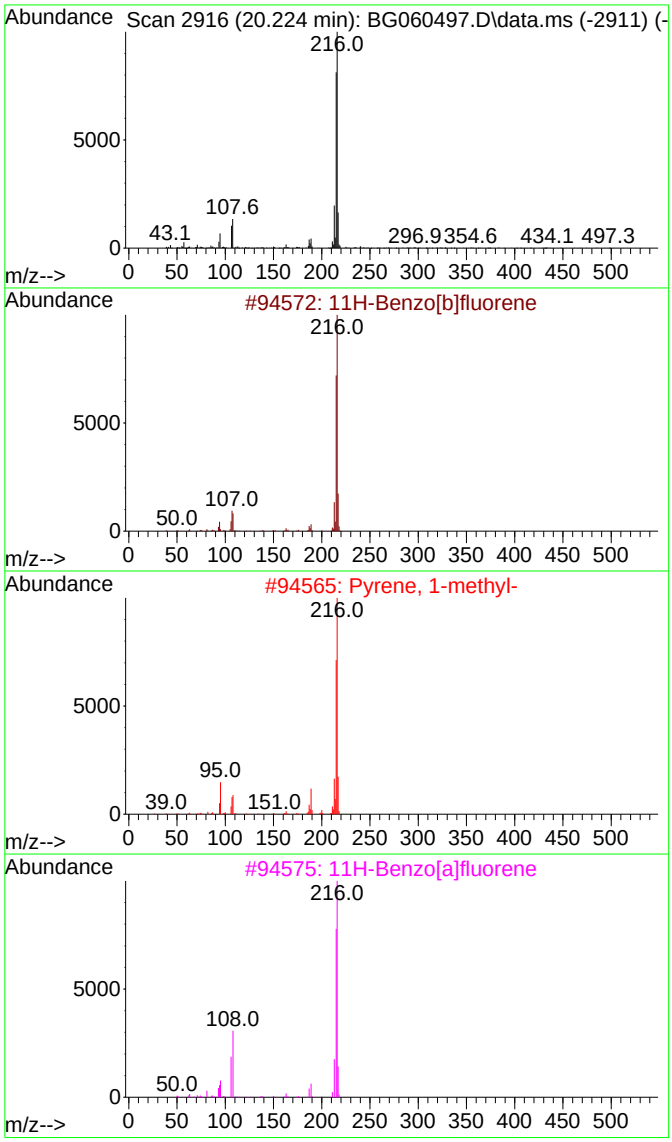
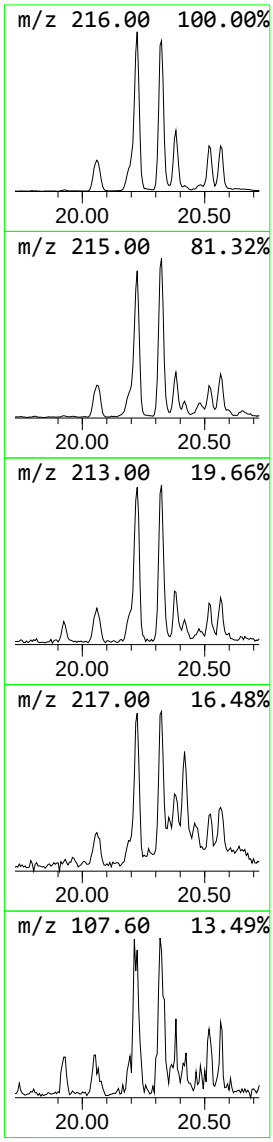
Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.224	3.68 ng	1298590	Chrysene-d12	21.575

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013024\
Data File : BG060497.D
Acq On : 31 Jan 2024 00:05
Operator : MA/JU
Sample : P1285-03 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHESTNUT-ST-TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.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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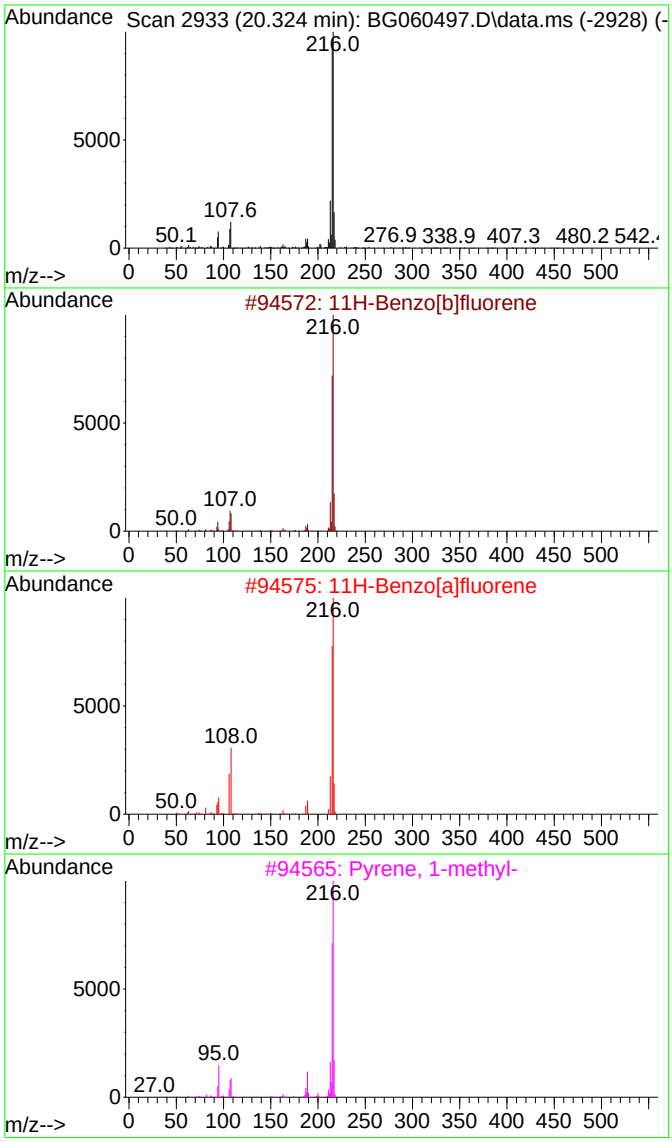
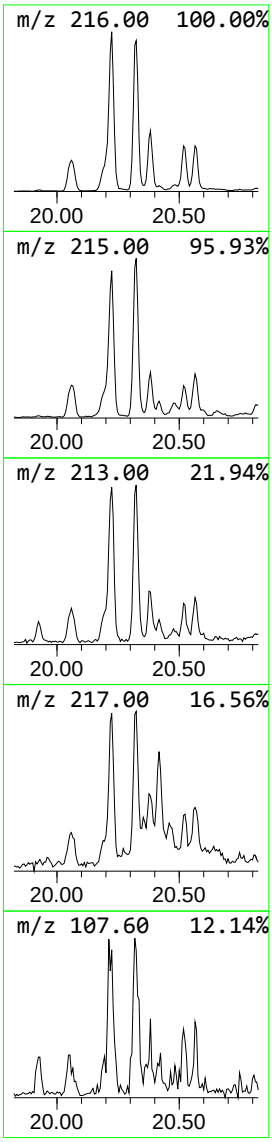
Peak Number 19 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.324	3.57 ng	1258110	Chrysene-d12	21.575

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013024\
Data File : BG060497.D
Acq On : 31 Jan 2024 00:05
Operator : MA/JU
Sample : P1285-03 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHESTNUT-ST-TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.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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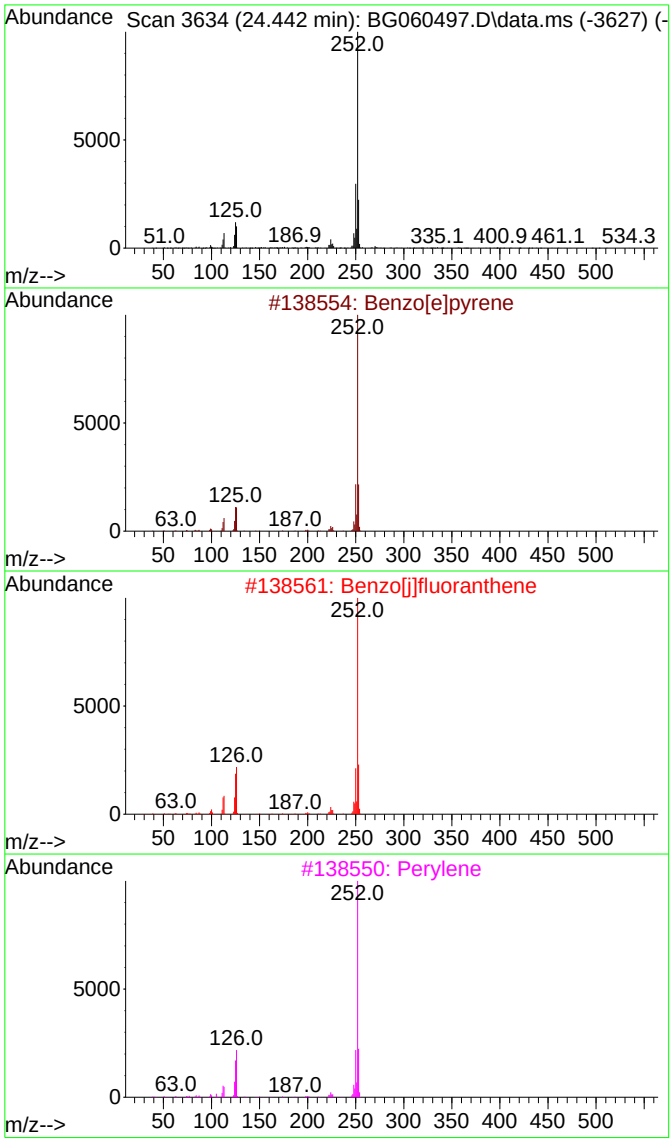
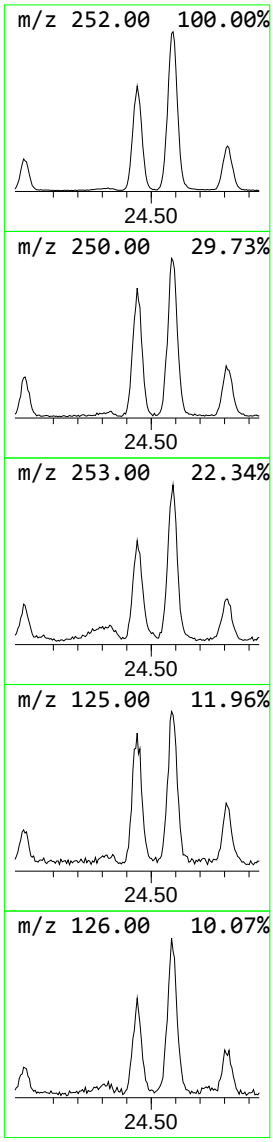
Peak Number 20 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.442	12.93 ng	1925250	Perylene-d12	24.736

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
3	Perylene	252	C20H12	000198-55-0	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013024\
Data File : BG060497.D
Acq On : 31 Jan 2024 00:05
Operator : MA/JU
Sample : P1285-03 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHESTNUT-ST-TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.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
Hexadecane	7.539	3.2	ng	174163	1	7.926	1096930	20.0
Decane, 2-methyl-	9.143	10.2	ng	558894	1	7.926	1096930	20.0
Tetradecane, 4-...	10.141	3.4	ng	231639	2	10.729	1384910	20.0
Dodecane, 6-met...	10.876	3.5	ng	244163	2	10.729	1384910	20.0
4-Octanone	11.552	2.5	ng	174716	2	10.729	1384910	20.0
10-Methylnonade...	11.634	3.8	ng	266118	2	10.729	1384910	20.0
Dodecane, 2,7,1...	11.740	6.6	ng	457702	2	10.729	1384910	20.0
Nonane, 5-butyl-	12.139	18.9	ng	1305330	2	10.729	1384910	20.0
unknown12.357	12.357	2.4	ng	168439	2	10.729	1384910	20.0
1H-Indene, 1-et...	12.609	2.5	ng	172168	2	10.729	1384910	20.0
Tridecane	13.379	12.0	ng	1621740	3	14.560	2701070	20.0
Carbonic acid, ...	14.031	3.2	ng	437697	3	14.560	2701070	20.0
Decane, 2,3,5-t...	14.448	9.5	ng	1283160	3	14.560	2701070	20.0
Tridecane, 6-pr...	15.400	4.8	ng	655062	3	14.560	2701070	20.0
Phenanthrene, 2...	18.232	3.1	ng	478155	4	17.310	3112490	20.0
4H-Cyclopenta[d...	18.385	5.7	ng	886795	4	17.310	3112490	20.0
11H-Benzo[b]flu...	20.224	3.7	ng	1298590	5	21.575	7055300	20.0
Pyrene, 1-methyl-	20.324	3.6	ng	1258110	5	21.575	7055300	20.0
Benzo[e]pyrene	24.442	12.9	ng	1925250	6	24.736	2978170	20.0