LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110522\
Data File : BG055481.D
Acq On : 5 Nov 2022 22:28
Operator : CG/JU
Sample : N5459-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EO-02-110322

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-BG110122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055481.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.269	329	337	349	rVB	66891	112658	8.33%	0.548%
2	5.762	413	421	428	rBV	260563	447027	33.07%	2.176%
3	6.197	489	495	502	rVB4	32858	60085	4.44%	0.293%
4	7.296	677	682	687	rBV	30130	46943	3.47%	0.229%
5	7.384	687	697	704	rBV	259331	525296	38.86%	2.557%
6	7.824	767	772	776	rVV	81738	117551	8.70%	0.572%
7	7.866	776	779	787	rVV	37487	61459	4.55%	0.299%
8	8.183	828	833	836	rVV	35775	58644	4.34%	0.286%
9	8.230	836	841	856	rVB	142133	275788	20.40%	1.343%
10	8.347	856	861	866	rBV3	23423	47261	3.50%	0.230%
11	8.741	919	928	930	rBV2	26662	61729	4.57%	0.301%
12	8.770	930	933	944	rVB2	43432	119435	8.83%	0.581%
13	8.870	944	950	957	rBV3	80373	142522	10.54%	0.694%
14	8.982	963	969	974	rBV2	30710	63120	4.67%	0.307%
15	9.235	1007	1012	1018	rVB	24543	51365	3.80%	0.250%
16	9.334	1025	1029	1035	rVV2	56185	111726	8.26%	0.544%
17	9.405	1035	1041	1045	rVV	166212	352395	26.07%	1.716%
18	9.440	1045	1047	1053	rVB	138886	184821	13.67%	0.900%
19	9.587	1060	1072	1079	rVB9	38598	115747	8.56%	0.564%
20	9.675	1079	1087	1089	rBV3	26564	52043	3.85%	0.253%
21	9.863	1114	1119	1125	rVV	42158	69098	5.11%	0.336%
22	9.928	1125	1130	1133	rVV2	36453	64372	4.76%	0.313%
23	9.963	1133	1136	1145	rVB3	49465	98387	7.28%	0.479%
24	10.122	1152	1163	1165	rBV5	21263	58976	4.36%	0.287%
25	10.163	1165	1170	1175	rVV3	44040	83153	6.15%	0.405%
26	10.233	1176	1182	1186	rVV3	52971	99115	7.33%	0.483%
27	10.292	1187	1192	1201	rVV4	48076	113061	8.36%	0.550%
28	10.386	1201	1208	1212	rVV2	32011	78036	5.77%	0.380%
29	10.445	1212	1218	1224	rVV2	91927	172094	12.73%	0.838%
30	10.621	1245	1248	1254	rVV3	29840	50900	3.76%	0.248%
31	10.686	1254	1259	1264	rVB	55909	87972	6.51%	0.428%
32	10.745	1264	1269	1276	rVB2	27381	57594	4.26%	0.280%
33	10.827	1276	1283	1291	rBV9	22838	65435	4.84%	0.319%
34	10.997	1307	1312	1318	rVV2	137379	295206	21.84%	1.437%
35	11.062	1318	1323	1328	rVV	197339	388269	28.72%	1.890%
36	11.109	1328	1331	1335	rVV3	38479	66544	4.92%	0.324%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110522\
Data File : BG055481.D
Acq On : 5 Nov 2022 22:28
Operator : CG/JU
Sample : N5459-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-02-110322

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-BG110122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.179	1336	1343	1350	rVB3	93071	204086	15.10%	0.994%
38	11.256	1350	1356	1362	rBV7	37483	80727	5.97%	0.393%
39	11.520	1396	1401	1408	rVB3	54019	116526	8.62%	0.567%
40	11.638	1415	1421	1426	rVV4	26655	62319	4.61%	0.303%
41	11.738	1426	1438	1448	rVV6	74111	227951	16.86%	1.110%
42	11.873	1455	1461	1467	rVB6	46598	104749	7.75%	0.510%
43	11.955	1467	1475	1480	rBV3	52335	134854	9.97%	0.657%
44	12.037	1480	1489	1493	rVV3	80436	155265	11.48%	0.756%
45	12.084	1493	1497	1502	rVV3	34262	60035	4.44%	0.292%
46	12.143	1503	1507	1513	rVB2	32060	56731	4.20%	0.276%
47	12.231	1516	1522	1528	rBV2	121641	199922	14.79%	0.973%
48	12.425	1550	1555	1563	rBV3	147902	242531	17.94%	1.181%
49	12.584	1578	1582	1586	rVB2	36989	47072	3.48%	0.229%
50	12.642	1590	1592	1598	rVB3	35410	49220	3.64%	0.240%
51	12.695	1598	1601	1609	rVB2	35880	59771	4.42%	0.291%
52	12.936	1637	1642	1647	rVB3	82863	129934	9.61%	0.633%
53	13.201	1681	1687	1689	rBV4	34090	66342	4.91%	0.323%
54	13.359	1709	1714	1718	rBV3	97789	153853	11.38%	0.749%
55	13.471	1728	1733	1739	rBV	464458	690377	51.07%	3.361%
56	13.641	1756	1762	1768	rBV	173168	281737	20.84%	1.372%
57	13.788	1783	1787	1792	rVB	64042	102877	7.61%	0.501%
58	14.123	1839	1844	1847	rBV6	39935	74795	5.53%	0.364%
59	14.170	1848	1852	1855	rVV3	62083	105555	7.81%	0.514%
60	14.211	1855	1859	1864	rVV5	55978	106623	7.89%	0.519%
61	14.270	1865	1869	1870	rVV2	62321	79027	5.85%	0.385%
62	14.293	1870	1873	1877	rVV2	135850	192207	14.22%	0.936%
63	14.346	1877	1882	1888	rVV4	60365	120941	8.95%	0.589%
64	14.411	1889	1893	1899	rVB4	62172	98951	7.32%	0.482%
65	14.587	1916	1923	1929	rBV9	29467	80877	5.98%	0.394%
66	14.705	1939	1943	1948	rVV	196701	266283	19.70%	1.296%
67	14.846	1962	1967	1974	rVV	290113	476135	35.22%	2.318%
68	15.045	1996	2001	2008	rBV4	34883	65814	4.87%	0.320%
69	15.316	2042	2047	2054	rBV6	61296	136049	10.06%	0.662%
70	15.457	2066	2071	2076	rBV5	38441	95072	7.03%	0.463%
71	15.651	2099	2104	2110	rVB	210834	271961	20.12%	1.324%
72	16.050	2167	2172	2176	rVB	107919	177088	13.10%	0.862%
73	16.144	2185	2188	2194	rVB6	34644	55960	4.14%	0.272%
74	16.267	2206	2209	2214	rVB4	41667	51749	3.83%	0.252%
75	16.326	2214	2219	2227	rBV	320287	510245	37.74%	2.484%
76	16.503	2245	2249	2252	rBV	218701	339205	25.09%	1.651%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110522\
Data File : BG055481.D
Acq On : 5 Nov 2022 22:28
Operator : CG/JU
Sample : N5459-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-02-110322

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-BG110122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	16.849	2304	2308	2311	rBV2	28579	47594	3.52%	0.232%
78	17.008	2333	2335	2342	rVB5	38135	56279	4.16%	0.274%
79	17.296	2380	2384	2388	rBV	211181	249375	18.45%	1.214%
80	17.343	2388	2392	2397	rVB	117986	160807	11.89%	0.783%
81	17.584	2427	2433	2437	rBV	338222	553260	40.92%	2.694%
82	17.625	2437	2440	2445	rVB	176926	239421	17.71%	1.166%
83	17.719	2452	2456	2460	rBV	59750	79409	5.87%	0.387%
84	18.030	2505	2509	2515	rVB	209737	269009	19.90%	1.310%
85	18.500	2586	2589	2592	rVB	63861	77567	5.74%	0.378%
86	18.641	2608	2613	2617	rBV3	68285	148228	10.96%	0.722%
87	18.712	2622	2625	2630	rVB	186261	198859	14.71%	0.968%
88	19.334	2727	2731	2737	rBV2	197648	316511	23.41%	1.541%
89	19.499	2756	2759	2763	rVB2	56874	70687	5.23%	0.344%
90	19.617	2774	2779	2784	rVB	878891	1262726	93.40%	6.147%
91	19.899	2824	2827	2830	rVB	107352	117295	8.68%	0.571%
92	19.940	2830	2834	2836	rBV2	125160	180628	13.36%	0.879%
93	19.981	2836	2841	2846	rVB	864684	1261256	93.29%	6.140%
94	20.040	2848	2851	2855	rBV	56515	76686	5.67%	0.373%
95	20.157	2866	2871	2875	rVB	773831	989707	73.21%	4.818%
96	20.427	2914	2917	2920	rBV	138286	172318	12.75%	0.839%
97	21.232	3051	3054	3061	rVB	108413	159954	11.83%	0.779%
98	21.837	3152	3157	3165	rBV2	506848	1351936	100.00%	6.582%
99	21.902	3165	3168	3175	rVB	331996	552436	40.86%	2.689%
100	24.164	3548	3553	3561	rBV3	206540	561311	41.52%	2.733%

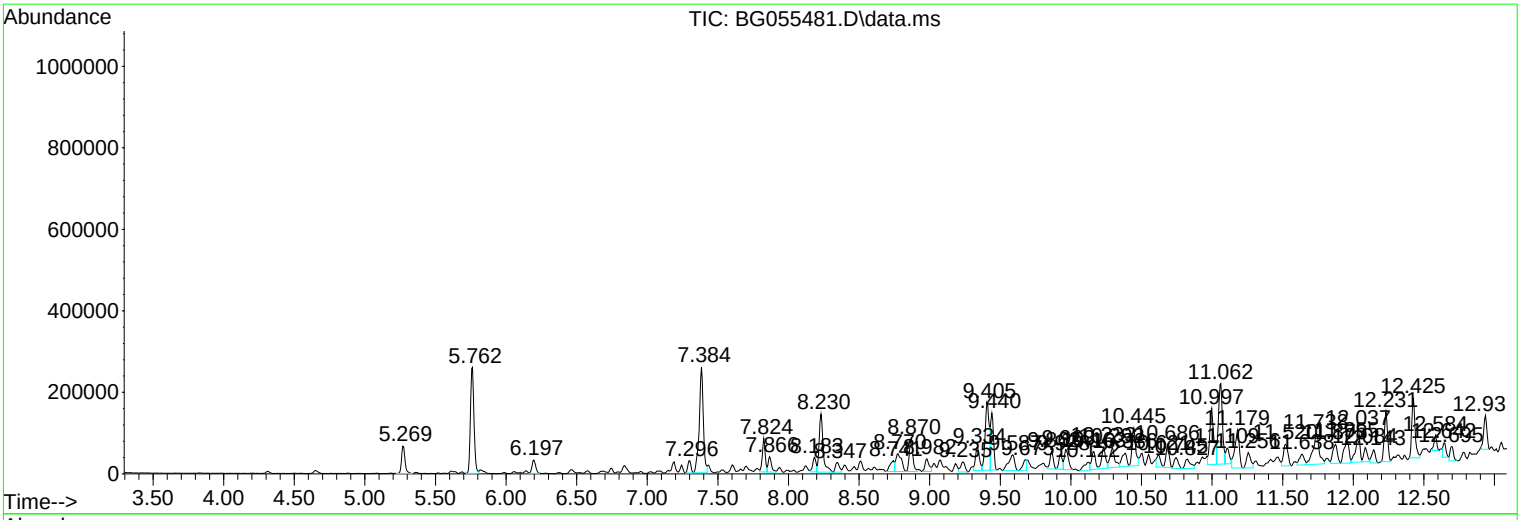
Sum of corrected areas: 20540502

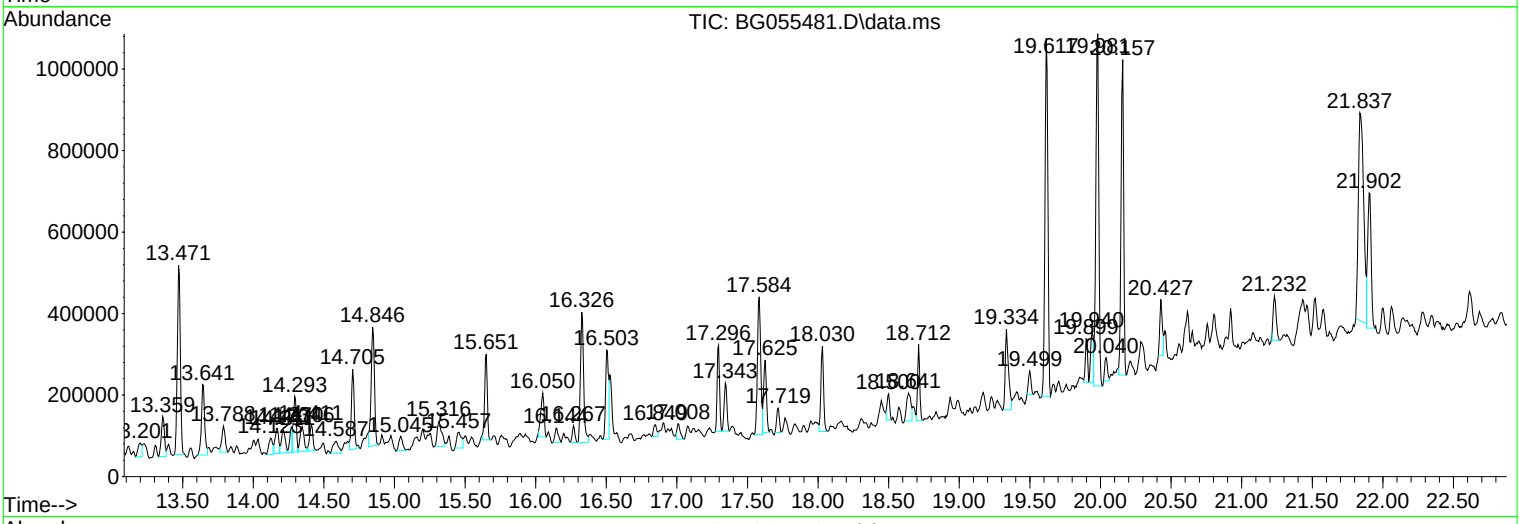
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110522\
Data File : BG055481.D
Acq On : 5 Nov 2022 22:28
Operator : CG/JU
Sample : N5459-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

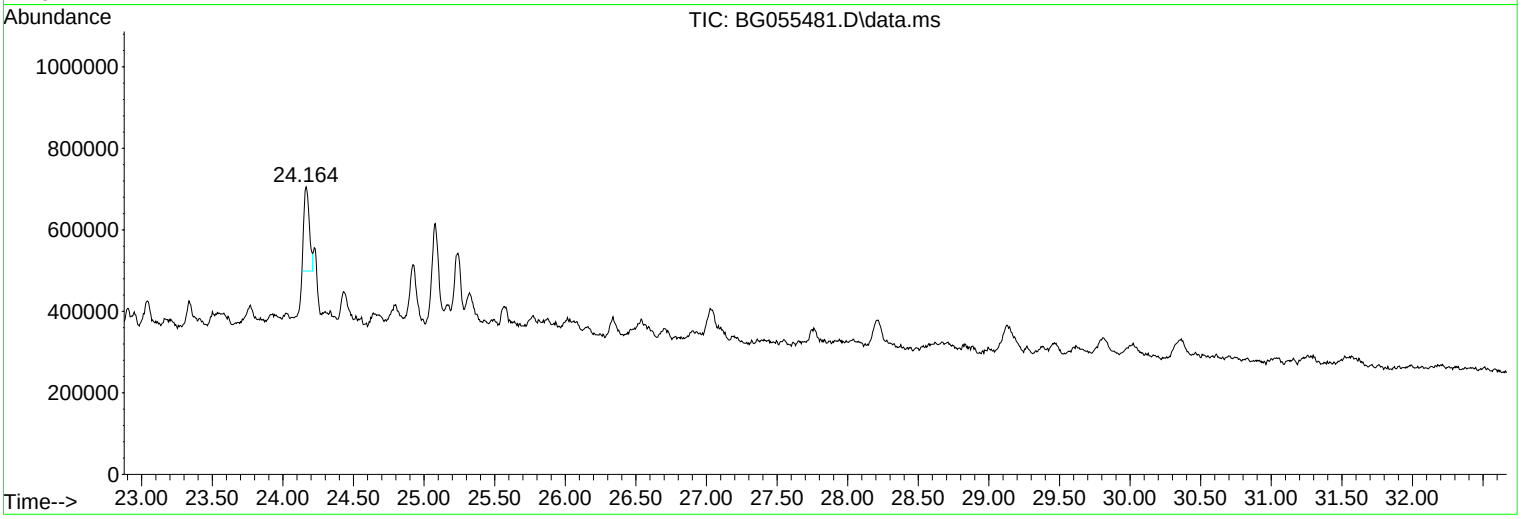
Instrument :
BNA_G
ClientSampleId :
EO-02-110322

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.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\BG110522\
Data File : BG055481.D
Acq On : 5 Nov 2022 22:28
Operator : CG/JU
Sample : N5459-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-02-110322

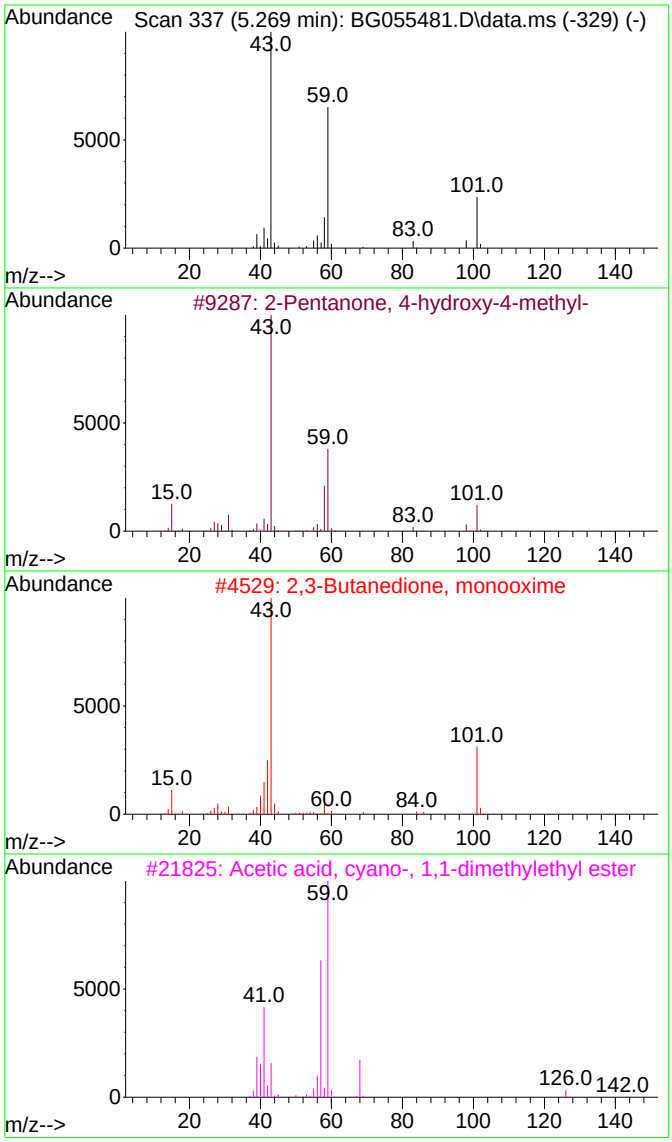
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

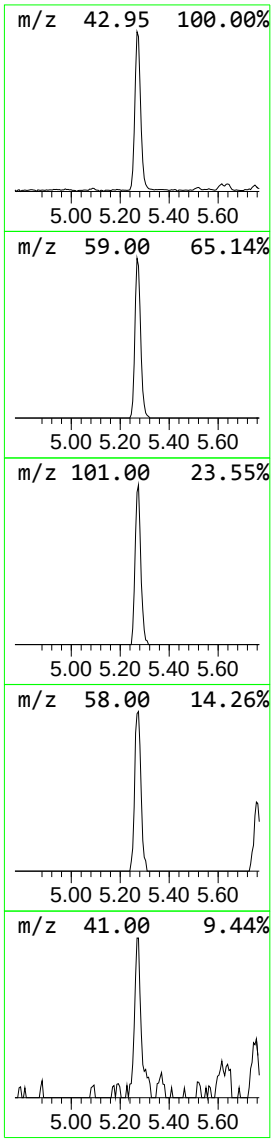
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.269	8.17 ng	112658	1,4-Dichlorobenzene-d4	8.230

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110522\
Data File : BG055481.D
Acq On : 5 Nov 2022 22:28
Operator : CG/JU
Sample : N5459-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-02-110322

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

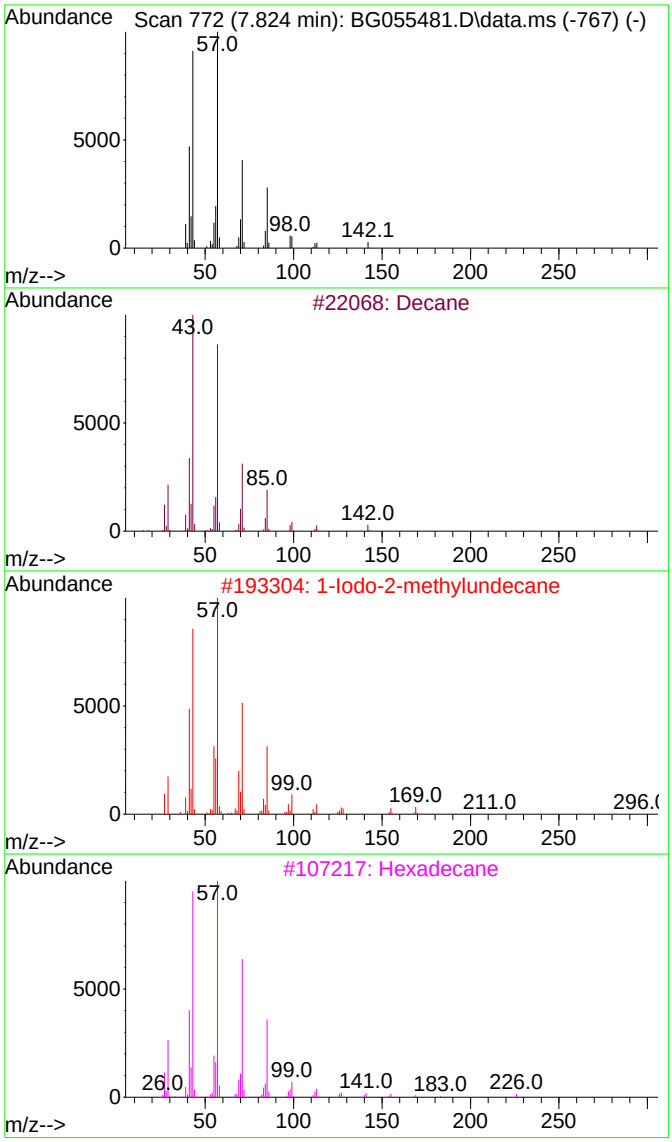
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

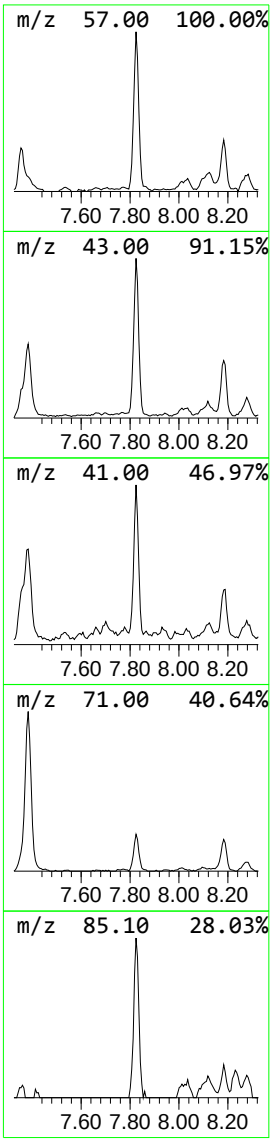
****

Peak Number 2 Decane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.824	8.52 ng	117551	1,4-Dichlorobenzene-d4	8.230

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	94
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	83
3	Hexadecane	226	C16H34	000544-76-3	78
4	Undecane	156	C11H24	001120-21-4	78
5	Nonane	128	C9H20	000111-84-2	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110522\
Data File : BG055481.D
Acq On : 5 Nov 2022 22:28
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Sample : N5459-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-02-110322

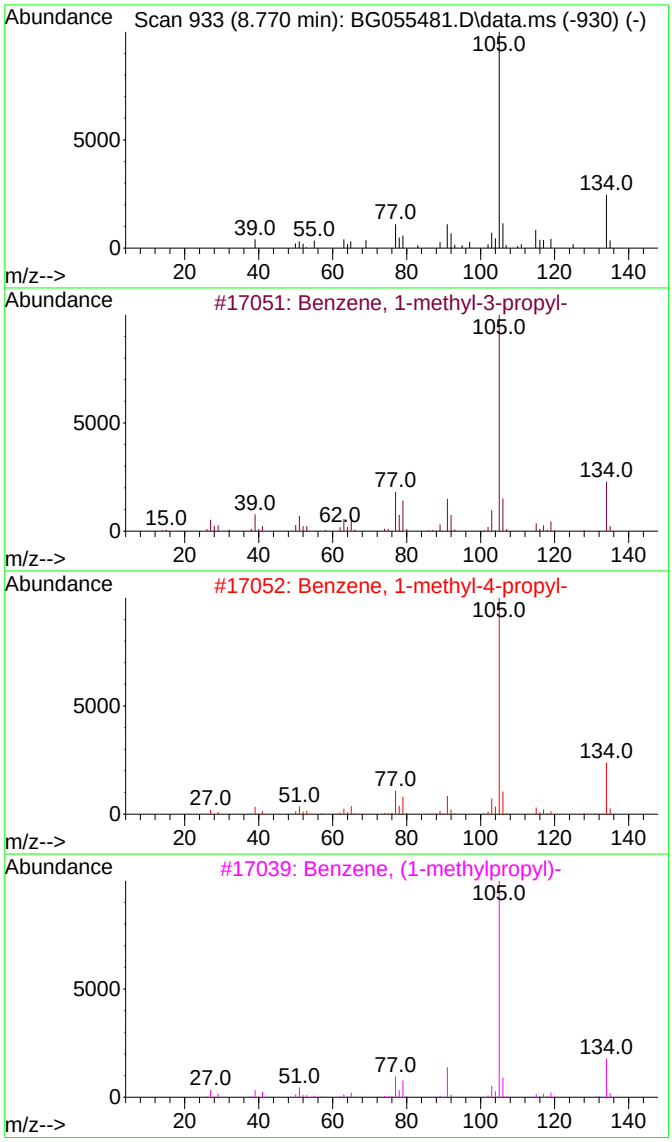
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

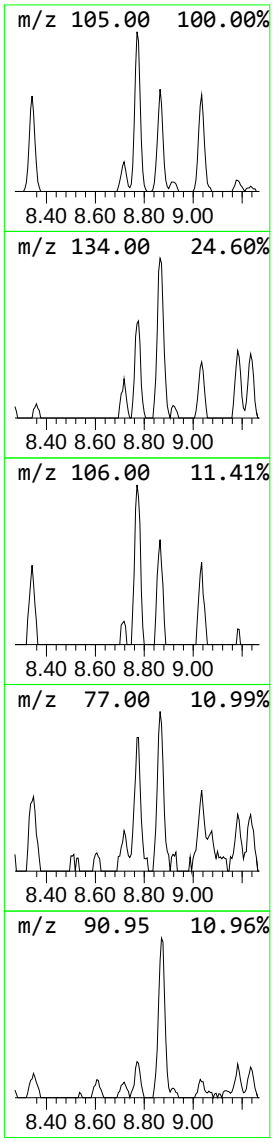
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-methyl-3-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.770	8.66 ng	119435	1,4-Dichlorobenzene-d4	8.230

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	83
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	80
5	2-Tolyloxirane	134	C9H10O	002783-26-8	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110522\
Data File : BG055481.D
Acq On : 5 Nov 2022 22:28
Operator : CG/JU
Sample : N5459-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-02-110322

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

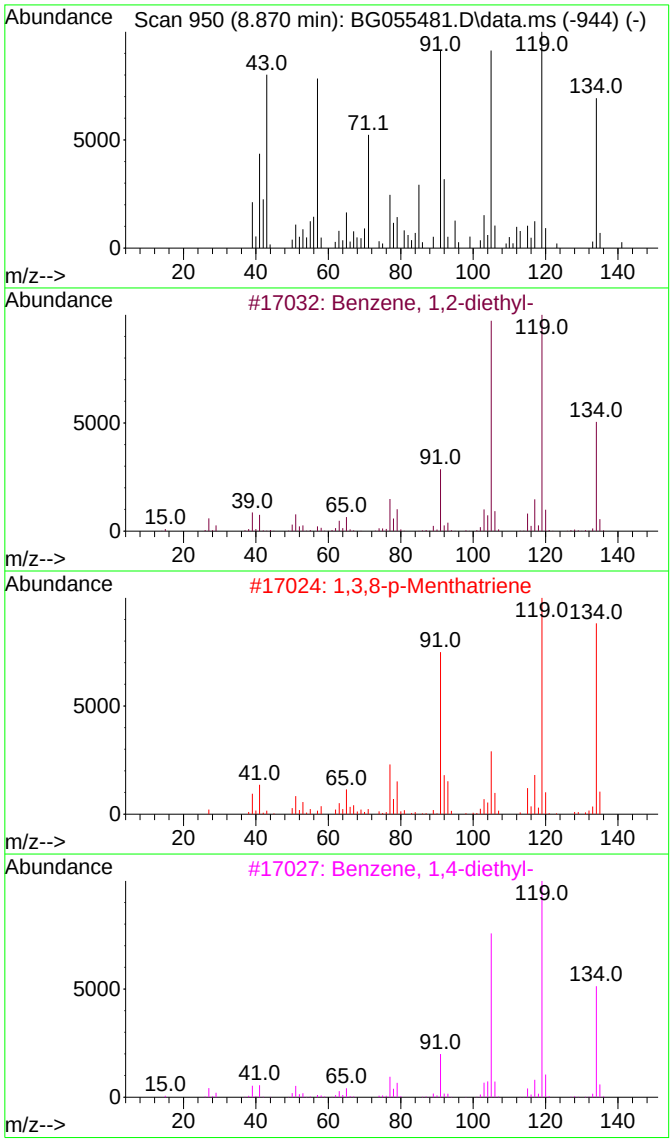
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

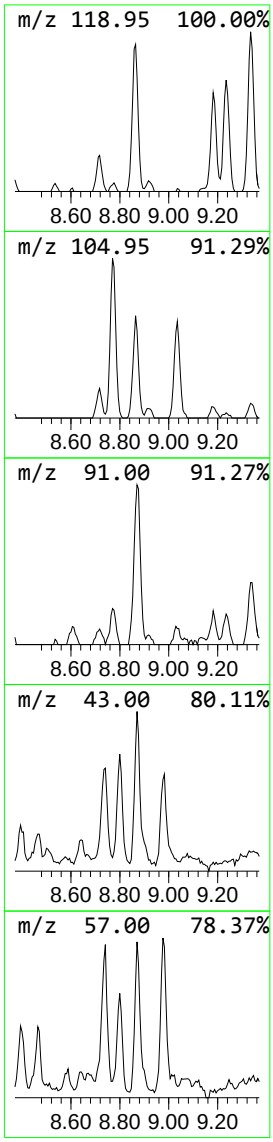
****

Peak Number 4 Benzene, 1,2-diethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.870	10.34 ng	142522	1,4-Dichlorobenzene-d4	8.230

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	83
2	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	70
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	64
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	64
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110522\
Data File : BG055481.D
Acq On : 5 Nov 2022 22:28
Operator : CG/JU
Sample : N5459-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-02-110322

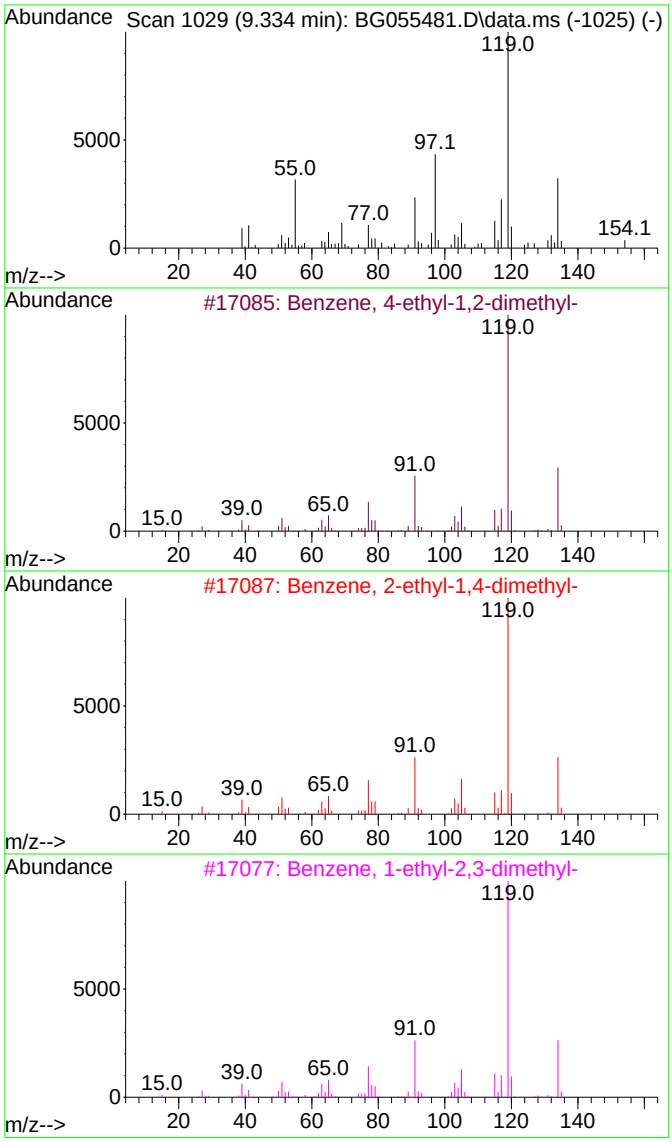
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

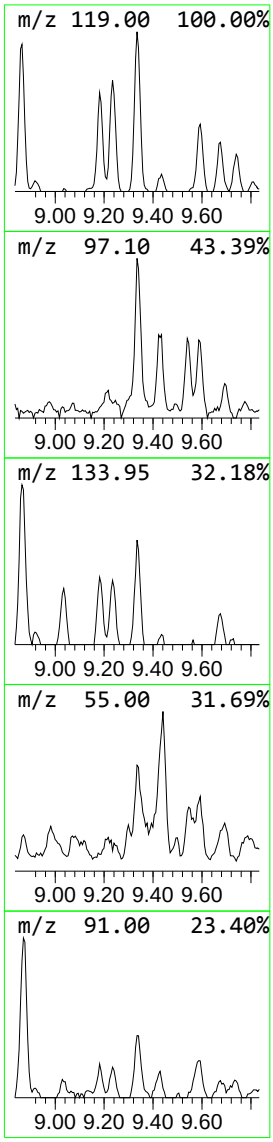
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.334	8.10 ng	111726	1,4-Dichlorobenzene-d4	8.230

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	92
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	83
4	p-Cymene	134	C10H14	000099-87-6	70
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64





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Operator : CG/JU
Sample : N5459-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-02-110322

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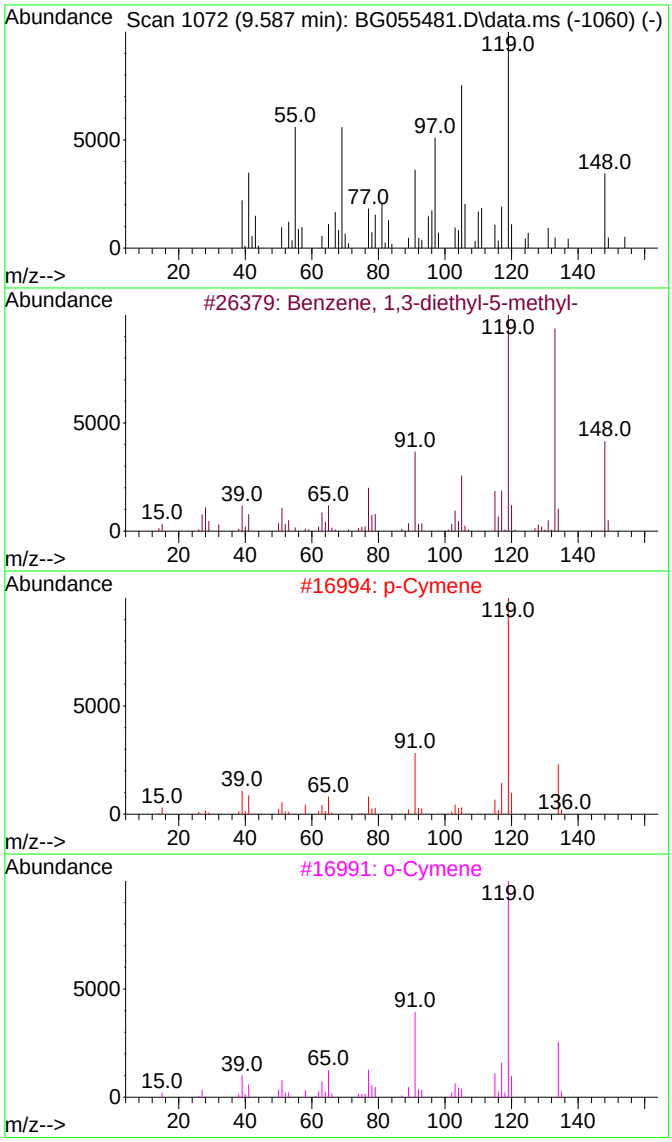
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

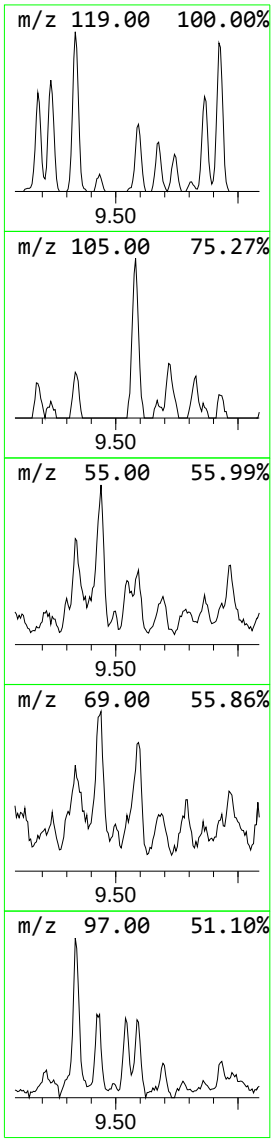
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.587	8.39 ng	115747	1,4-Dichlorobenzene-d4	8.230

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	58
2	p-Cymene	134	C10H14	000099-87-6	38
3	o-Cymene	134	C10H14	000527-84-4	38
4	4-Aminostyrene	119	C8H9N	001520-21-4	38
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	35





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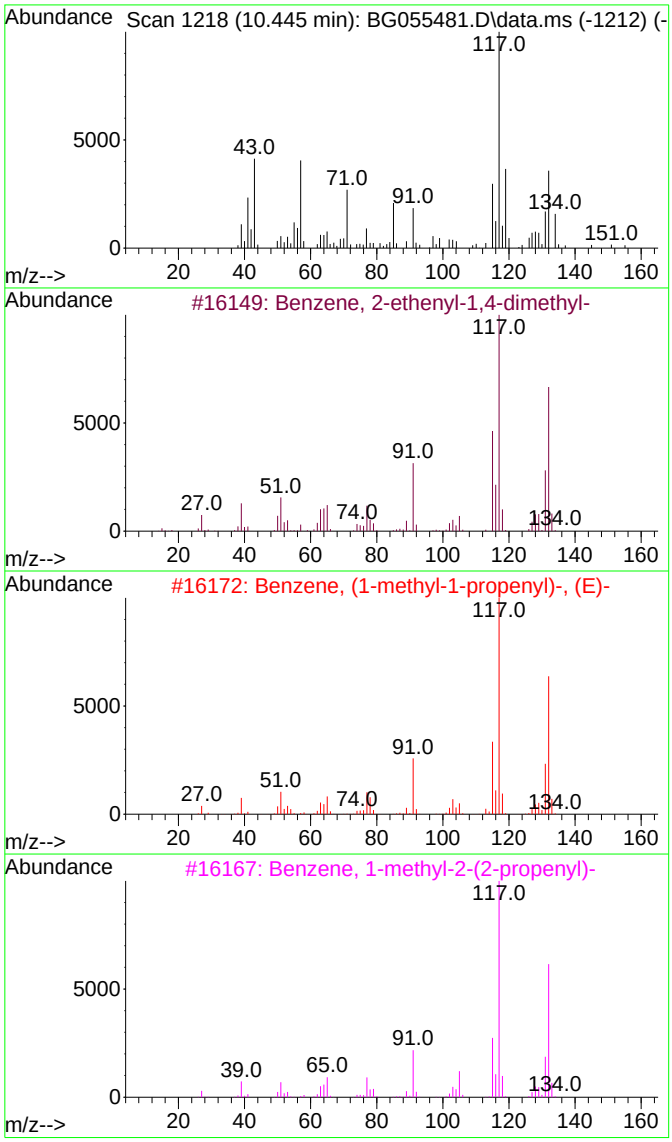
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

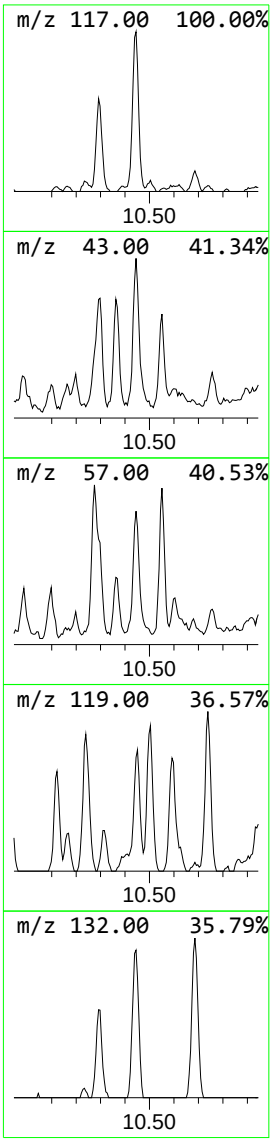
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.445	8.86 ng	172094	Naphthalene-d8	11.062

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	64
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	64
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64





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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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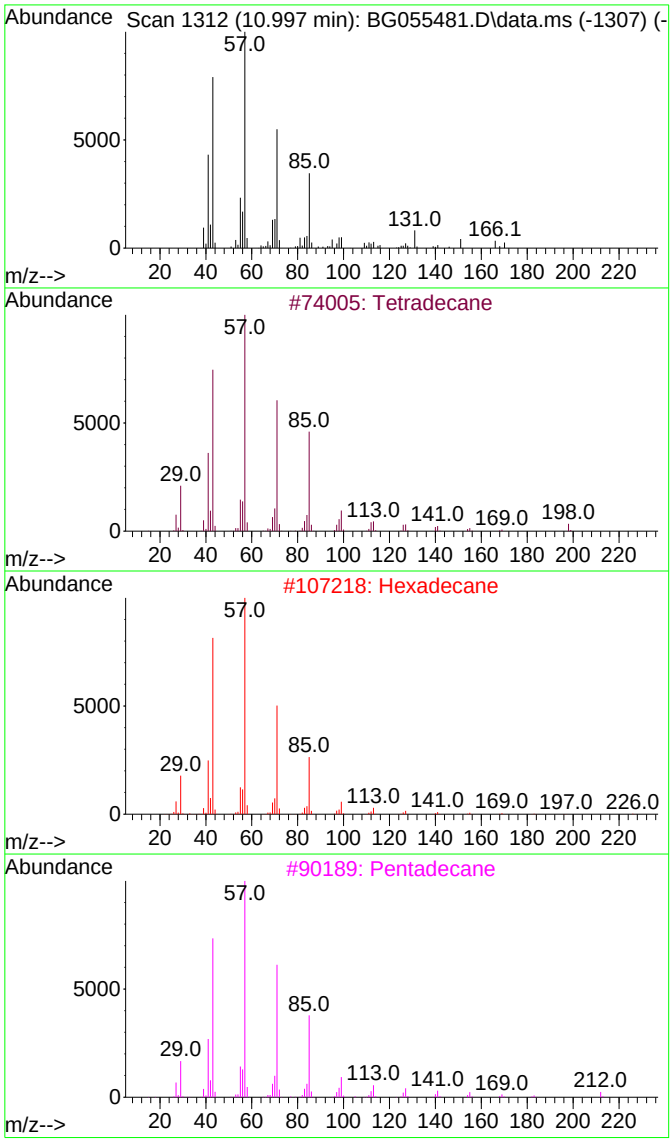
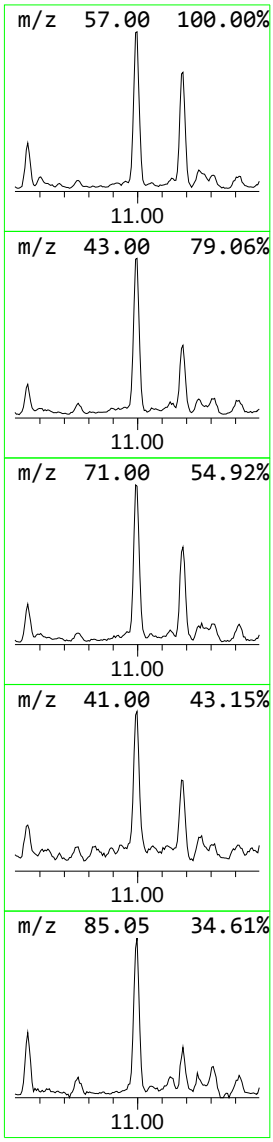
Peak Number 8 Tetradecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.997	15.21 ng	295206	Naphthalene-d8	11.062

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	80
2	Hexadecane	226	C16H34	000544-76-3	72
3	Pentadecane	212	C15H32	000629-62-9	72
4	Dodecane	170	C12H26	000112-40-3	72
5	Tridecane	184	C13H28	000629-50-5	72





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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.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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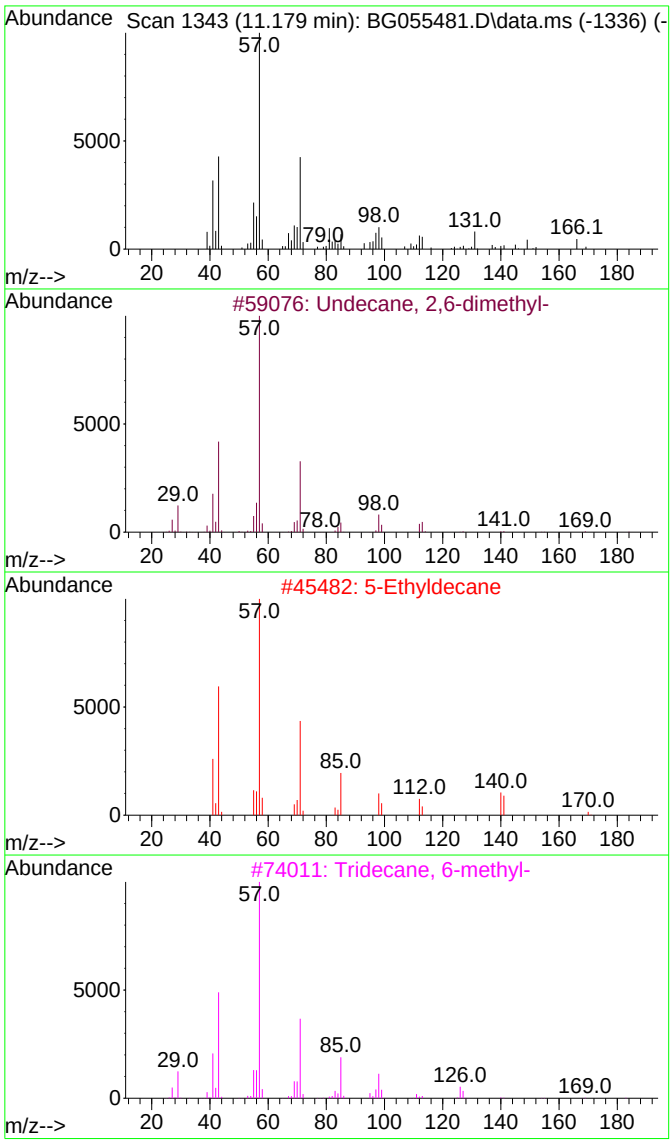
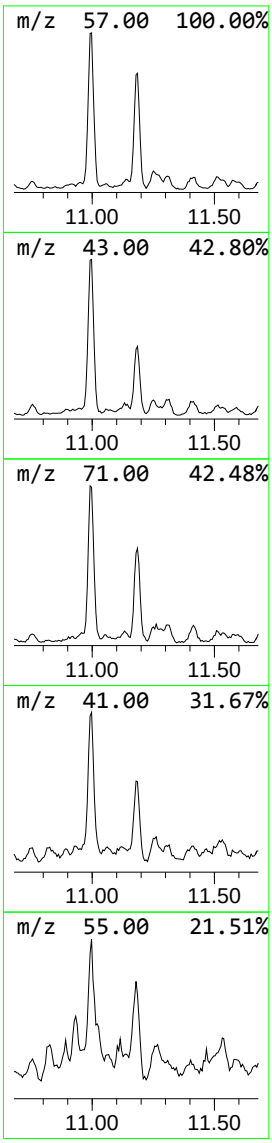
Peak Number 9 Undecane, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.179	10.51 ng	204086	Naphthalene-d8	11.062

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	72
2	5-Ethyldecane	170	C12H26	017302-36-2	64
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
4	Dodecane, 6-methyl-	184	C13H28	006044-71-9	64
5	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	53





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ClientSampleId :
EO-02-110322

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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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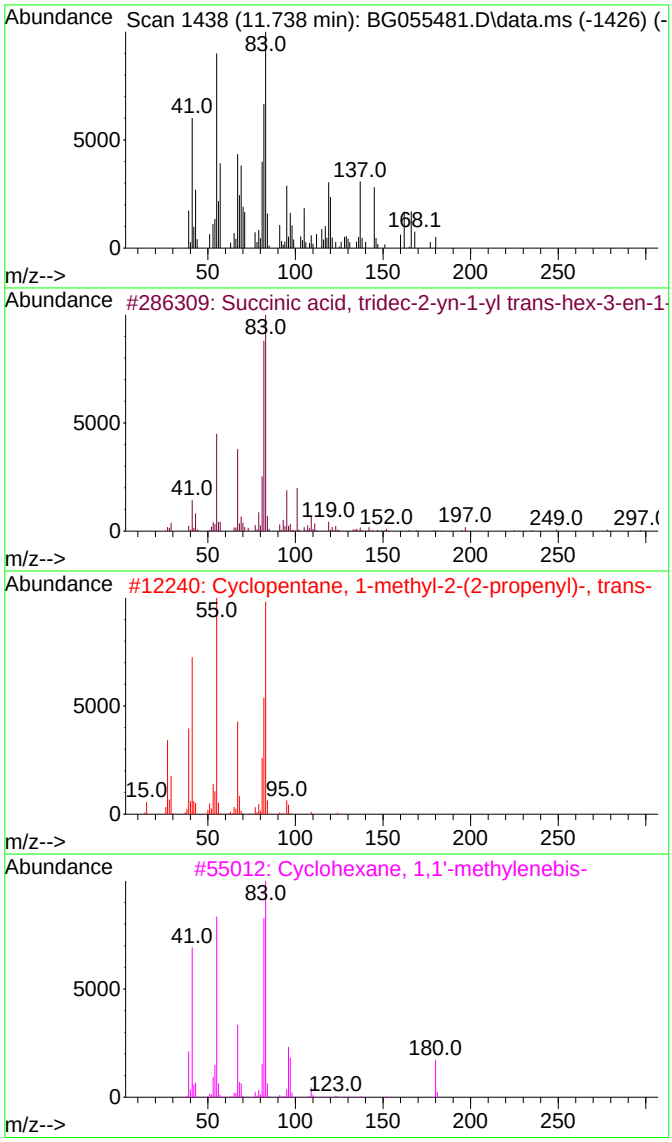
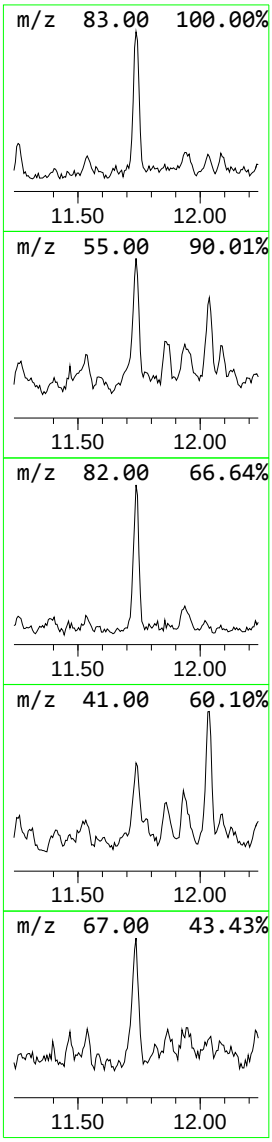
Peak Number 10 unknown11.738 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.738	11.74 ng	227951	Naphthalene-d8	11.062

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Succinic acid, tridec-2-yn-1-yl ...	378	C23H38O4	1000391-12-6	47
2	Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	43
3	Cyclohexane, 1,1'-methylenebis-	180	C13H24	003178-23-2	43
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	38
5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	38





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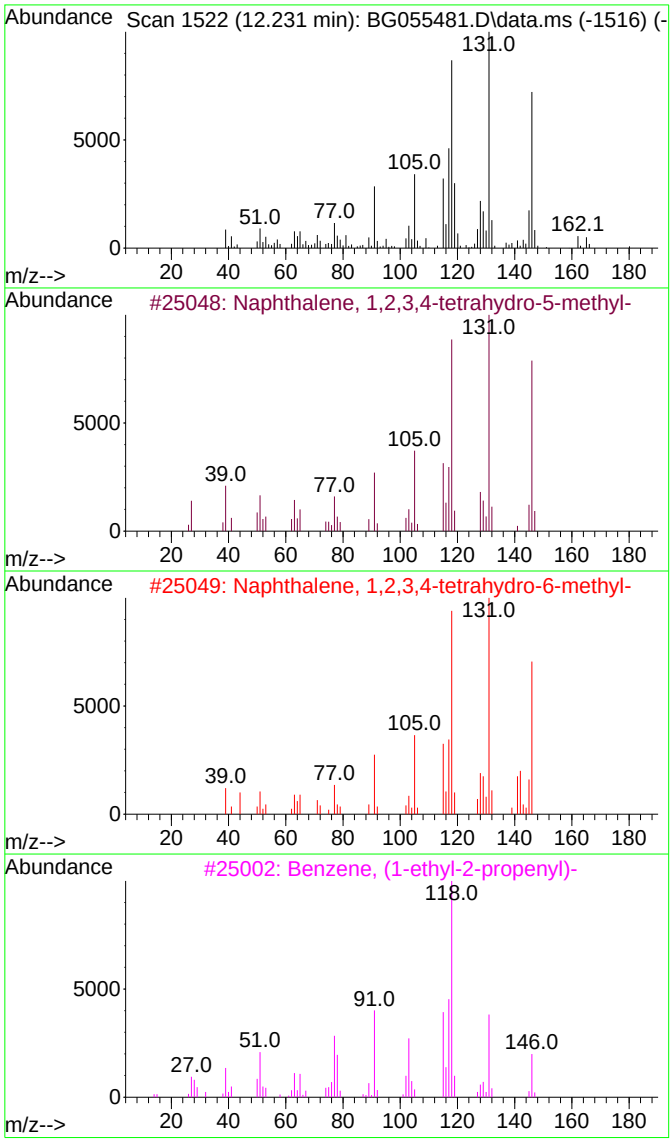
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

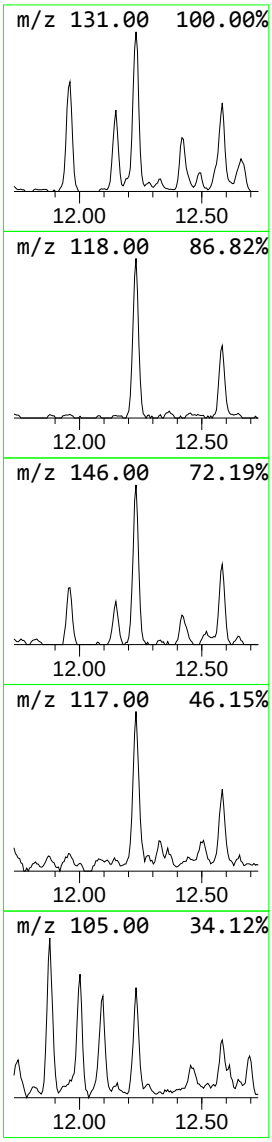
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.231	10.30 ng	199922	Naphthalene-d8	11.062

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	96
3	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	90
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	50





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Misc :
ALS Vial : 16 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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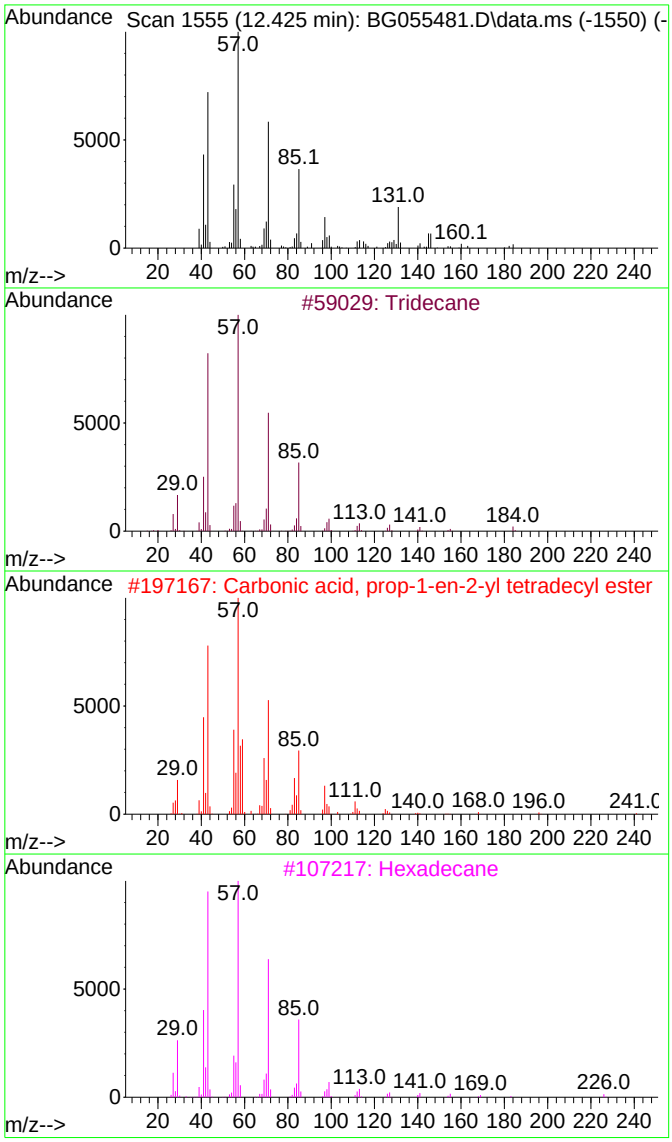
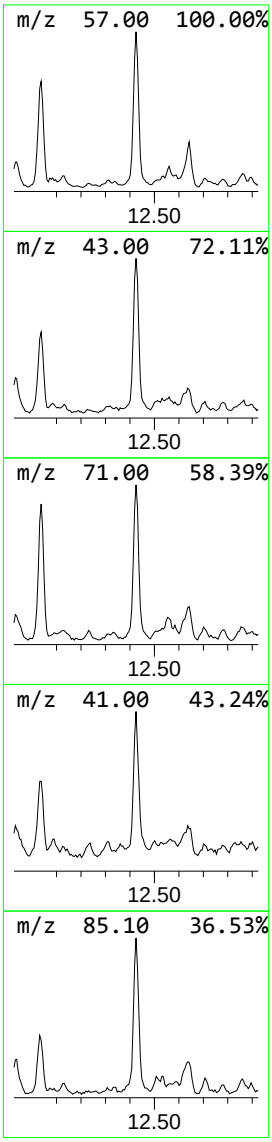
Peak Number 12 Tridecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.425	12.49 ng	242531	Naphthalene-d8	11.062

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	64
3	Hexadecane	226	C16H34	000544-76-3	62
4	Dodecane	170	C12H26	000112-40-3	58
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	55





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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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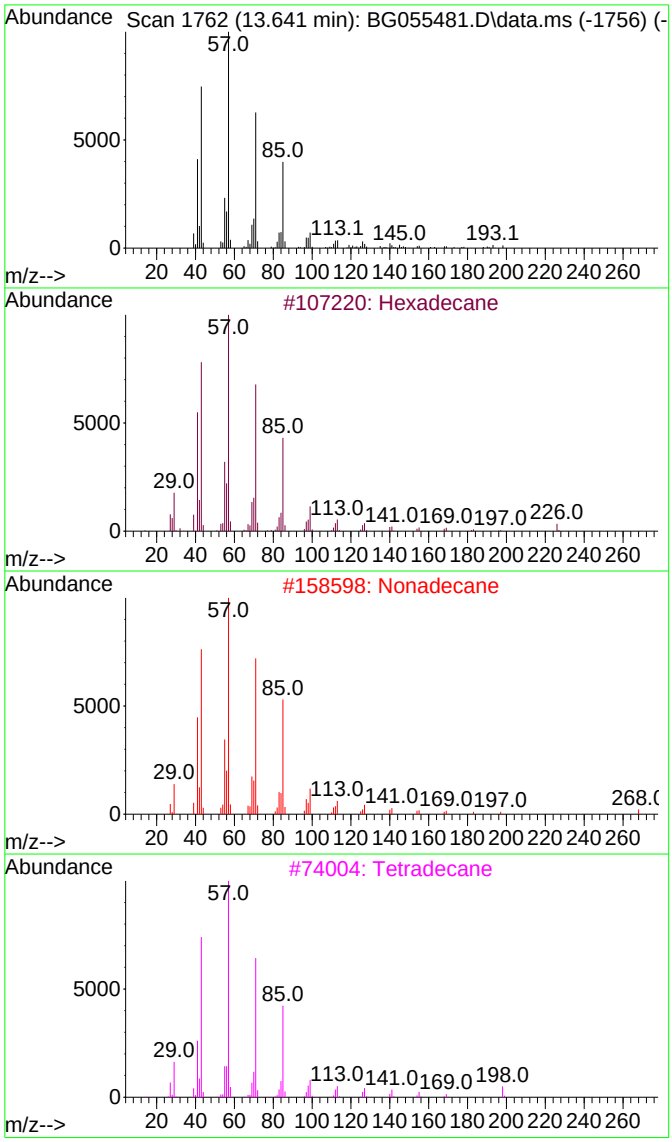
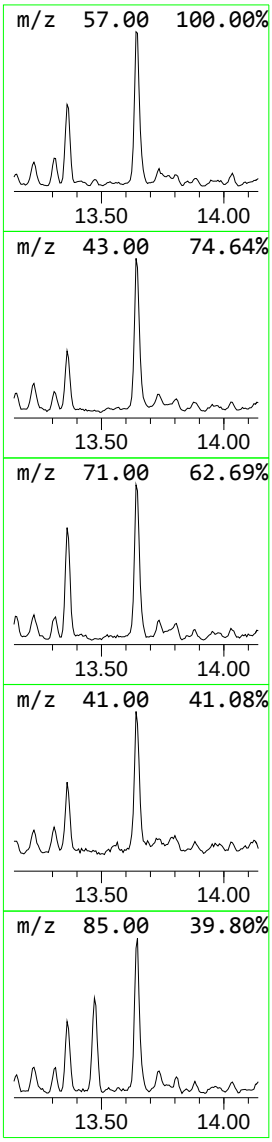
Peak Number 13 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.641	11.83 ng	281737	Acenaphthene-d10	14.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Nonadecane	268	C19H40	000629-92-5	87
3	Tetradecane	198	C14H30	000629-59-4	86
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	80
5	Tridecane, 7-methyl-	198	C14H30	026730-14-3	55





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ALS Vial : 16 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

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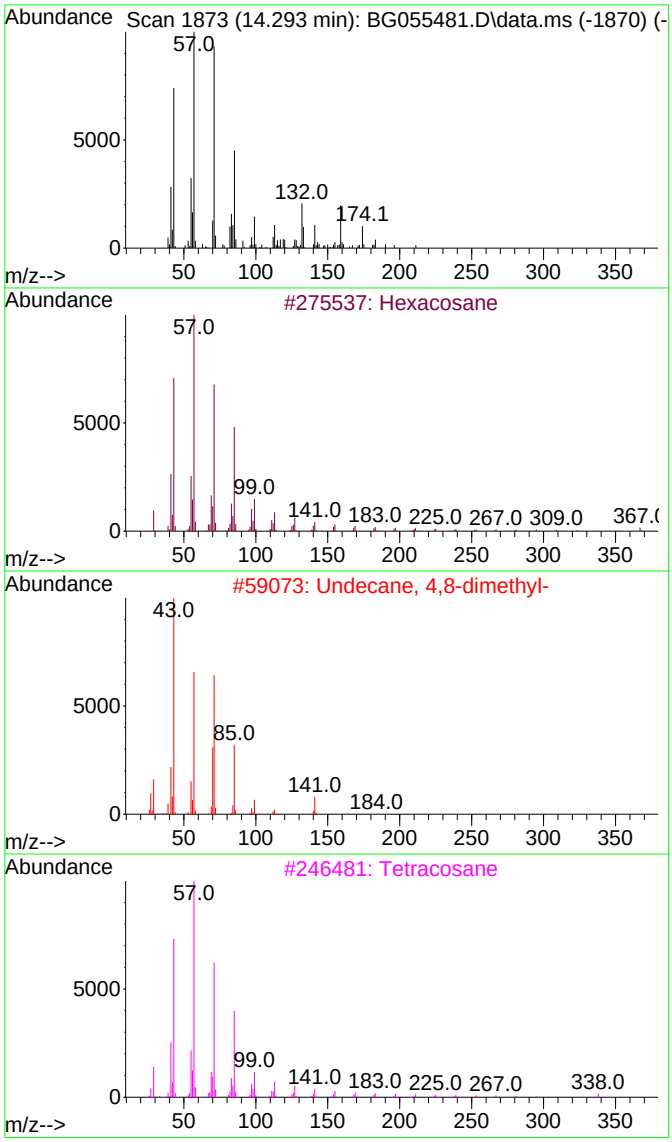
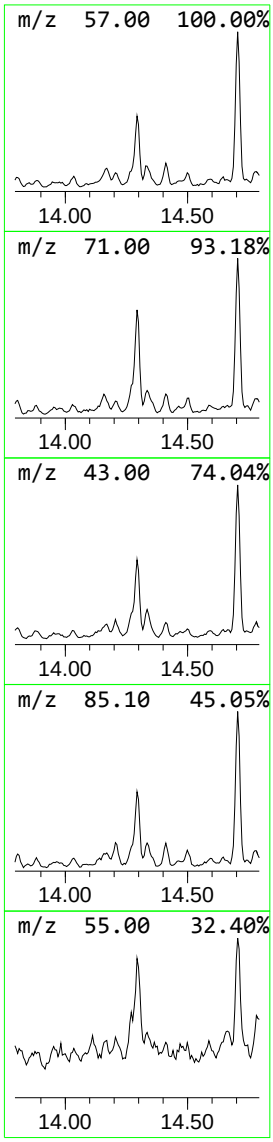
Peak Number 14 Hexacosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.293	8.07 ng	192207	Acenaphthene-d10	14.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	58
2	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	53
3	Tetracosane	338	C24H50	000646-31-1	53
4	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	52
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	52





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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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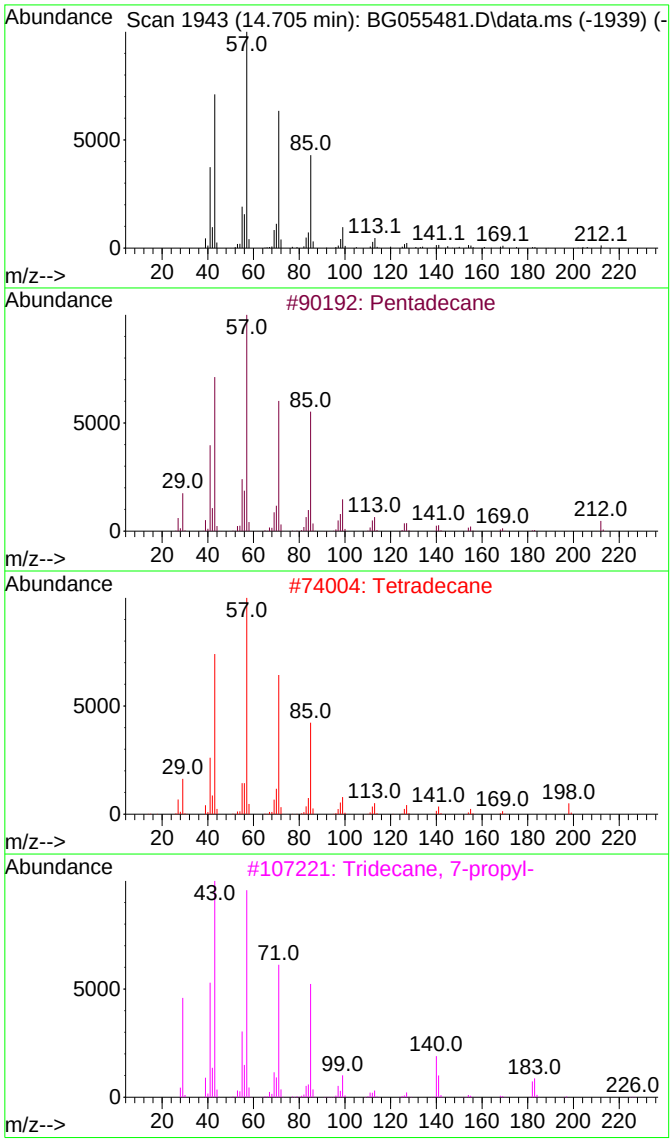
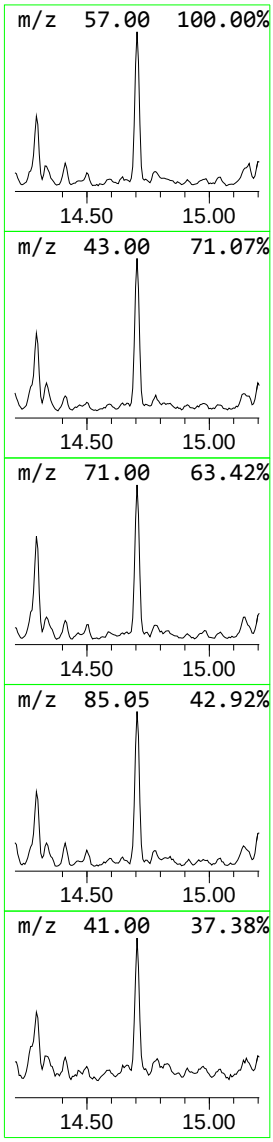
Peak Number 15 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.705	11.19 ng	266283	Acenaphthene-d10	14.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	86
4	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
5	Hexadecane	226	C16H34	000544-76-3	80





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ALS Vial : 16 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

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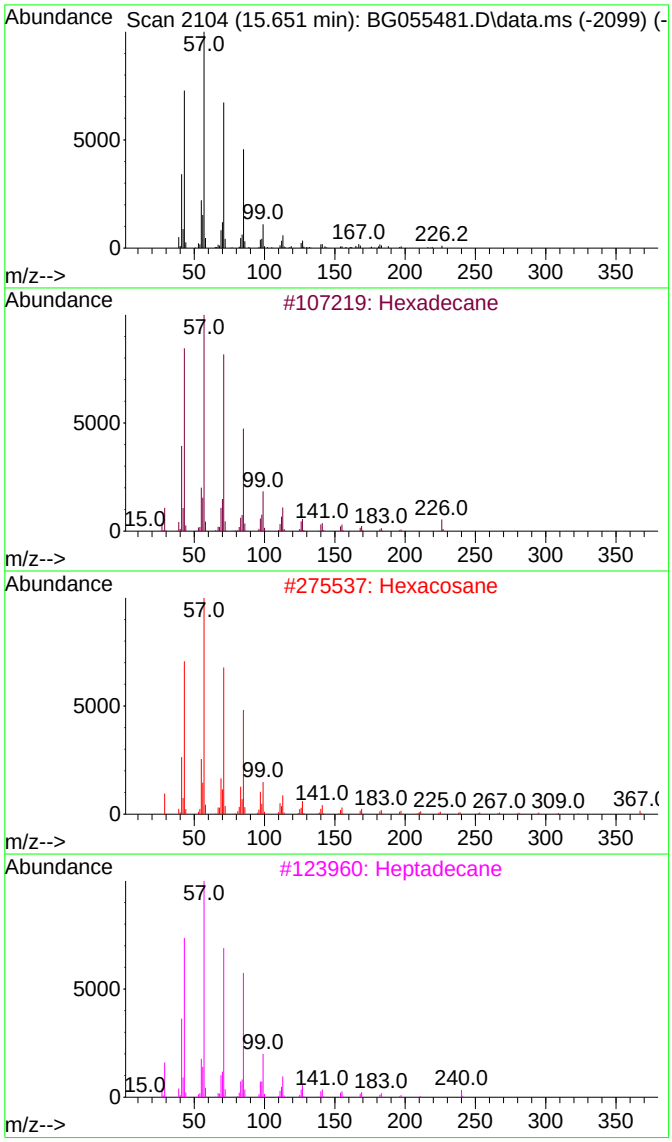
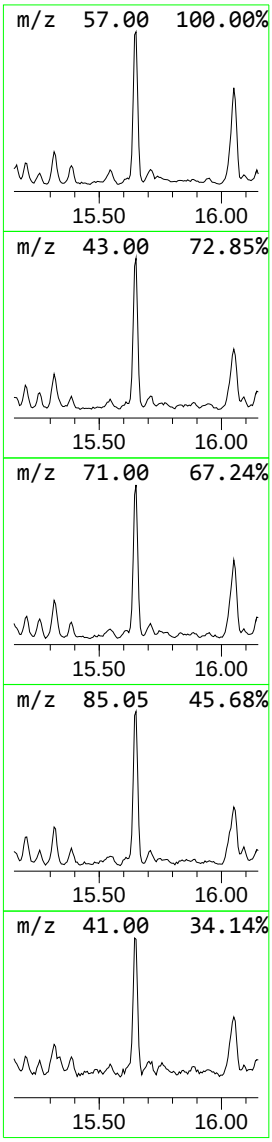
Peak Number 16 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.651	11.42 ng	271961	Acenaphthene-d10	14.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Hexacosane	366	C26H54	000630-01-3	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Pentadecane	212	C15H32	000629-62-9	86
5	Tetradecane	198	C14H30	000629-59-4	86





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ClientSampleId :
EO-02-110322

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.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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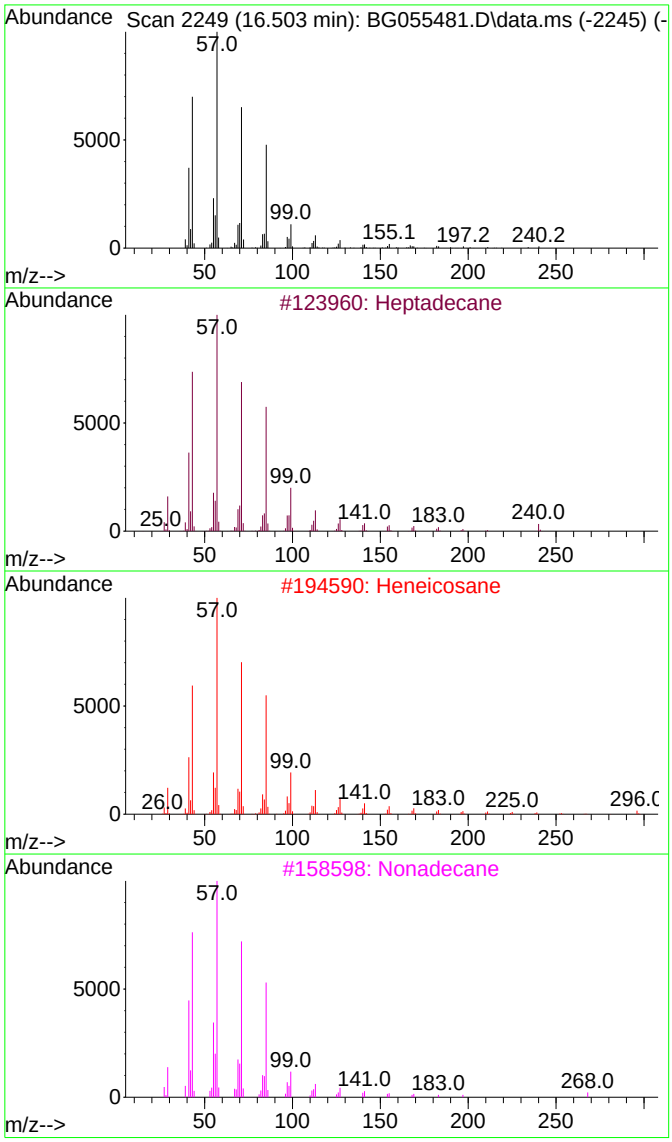
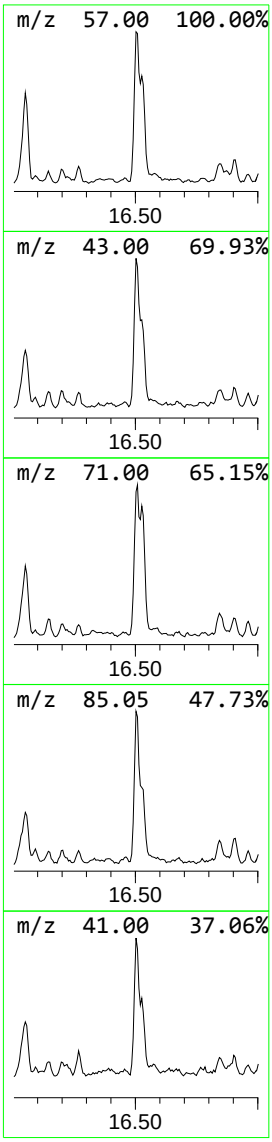
Peak Number 17 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.503	12.26 ng	339205	Phenanthrene-d10	17.584

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	96
2	Heneicosane	296	C21H44	000629-94-7	91
3	Nonadecane	268	C19H40	000629-92-5	90
4	Tritetracontane	605	C43H88	007098-21-7	90
5	Pentadecane	212	C15H32	000629-62-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110522\
Data File : BG055481.D
Acq On : 5 Nov 2022 22:28
Operator : CG/JU
Sample : N5459-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-02-110322

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.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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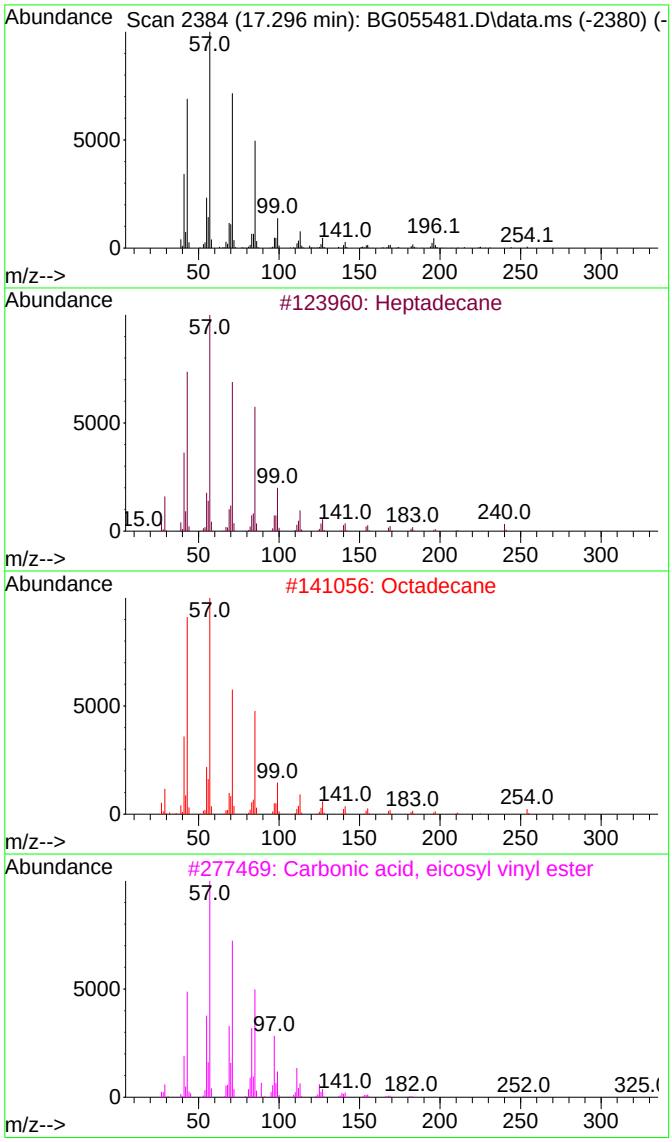
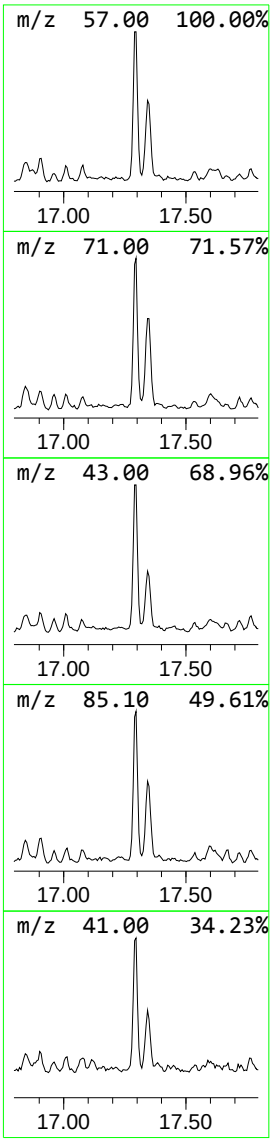
Peak Number 18 Octadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.296	9.01 ng	249375	Phenanthrene-d10	17.584

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Octadecane	254	C18H38	000593-45-3	91
3	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Pentadecane	212	C15H32	000629-62-9	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110522\
Data File : BG055481.D
Acq On : 5 Nov 2022 22:28
Operator : CG/JU
Sample : N5459-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-02-110322

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.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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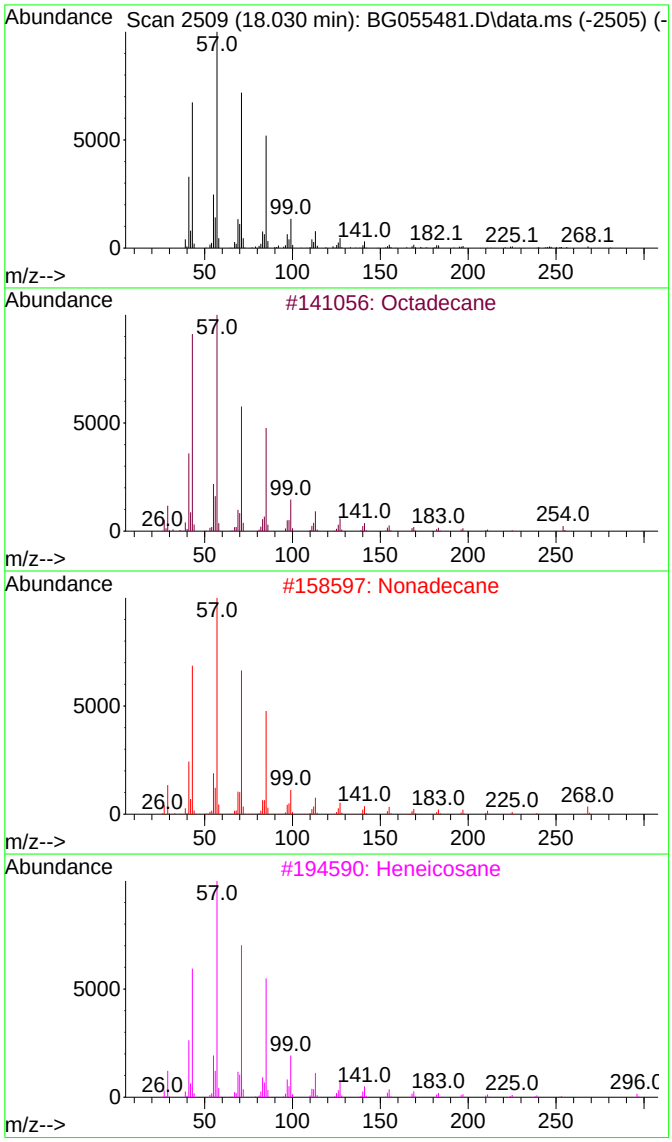
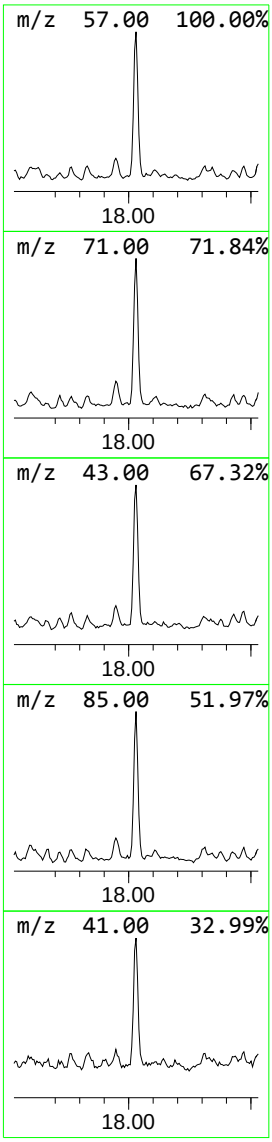
Peak Number 19 Nonadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.030	9.72 ng	269009	Phenanthrene-d10	17.584

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Nonadecane	268	C19H40	000629-92-5	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Pentadecane	212	C15H32	000629-62-9	87
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110522\
Data File : BG055481.D
Acq On : 5 Nov 2022 22:28
Operator : CG/JU
Sample : N5459-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-02-110322

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.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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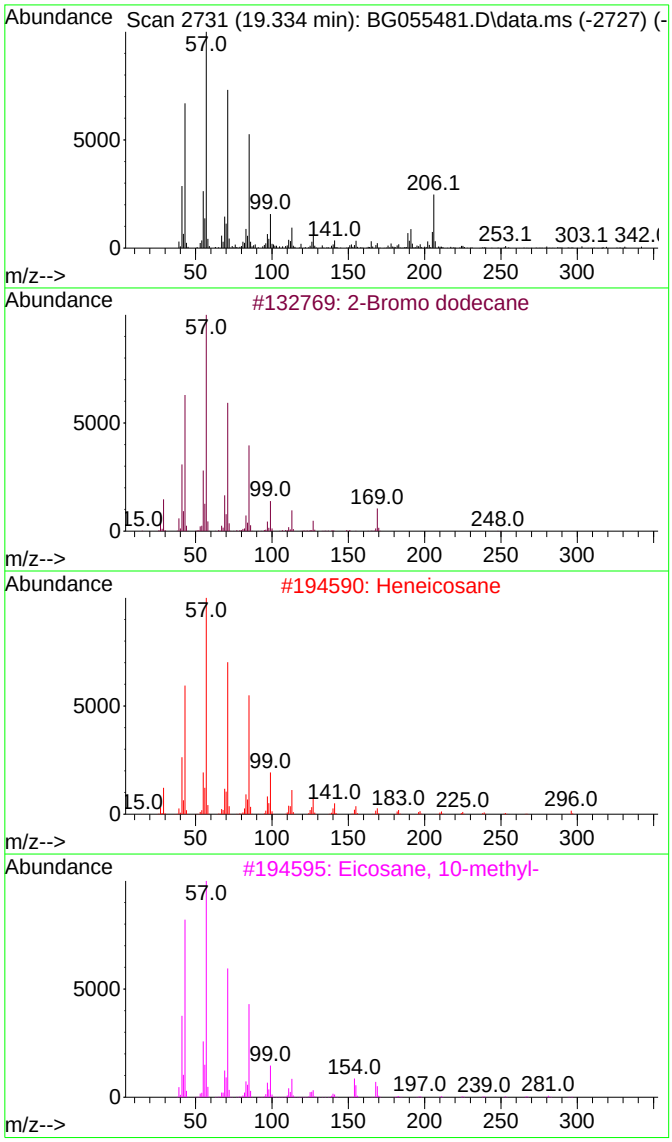
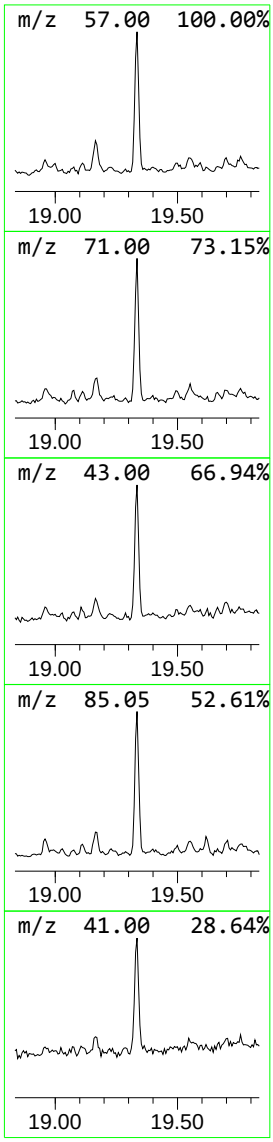
Peak Number 20 2-Bromo dodecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.334	11.44 ng	316511	Phenanthrene-d10	17.584

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	86
2	Heneicosane	296	C21H44	000629-94-7	81
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	81
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	81
5	Tetracosane	338	C24H50	000646-31-1	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110522\
Data File : BG055481.D
Acq On : 5 Nov 2022 22:28
Operator : CG/JU
Sample : N5459-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-02-110322

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.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
2-Pentanone, 4-...	5.269	8.2	ng	112658	1	8.230	275788	20.0
Decane	7.824	8.5	ng	117551	1	8.230	275788	20.0
Benzene, 1-meth...	8.770	8.7	ng	119435	1	8.230	275788	20.0
Benzene, 1,2-di...	8.870	10.3	ng	142522	1	8.230	275788	20.0
Benzene, 4-ethy...	9.334	8.1	ng	111726	1	8.230	275788	20.0
Benzene, 1,3-di...	9.587	8.4	ng	115747	1	8.230	275788	20.0
Benzene, 2-ethe...	10.445	8.9	ng	172094	2	11.062	388269	20.0
Tetradecane	10.997	15.2	ng	295206	2	11.062	388269	20.0
Undecane, 2,6-d...	11.179	10.5	ng	204086	2	11.062	388269	20.0
unknown11.738	11.738	11.7	ng	227951	2	11.062	388269	20.0
Naphthalene, 1,...	12.231	10.3	ng	199922	2	11.062	388269	20.0
Tridecane	12.425	12.5	ng	242531	2	11.062	388269	20.0
Hexadecane	13.641	11.8	ng	281737	3	14.846	476135	20.0
Hexacosane	14.293	8.1	ng	192207	3	14.846	476135	20.0
Pentadecane	14.705	11.2	ng	266283	3	14.846	476135	20.0
Heptadecane	15.651	11.4	ng	271961	3	14.846	476135	20.0
Heneicosane	16.503	12.3	ng	339205	4	17.584	553260	20.0
Octadecane	17.296	9.0	ng	249375	4	17.584	553260	20.0
Nonadecane	18.030	9.7	ng	269009	4	17.584	553260	20.0
2-Bromo dodecane	19.334	11.4	ng	316511	4	17.584	553260	20.0