LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120522\
Data File : BG055897.D
Acq On : 5 Dec 2022 23:16
Operator : CG/JU
Sample : N5872-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HR-02-120222

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-BG111622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055897.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.221	323	329	340	rBV	225556	362124	20.92%	1.896%
2	5.709	405	412	427	rBV	567732	933552	53.93%	4.889%
3	6.320	509	516	524	rVB2	13337	22051	1.27%	0.115%
4	7.330	679	688	701	rBV	567942	996595	57.57%	5.219%
5	8.171	825	831	839	rBV	153697	263007	15.19%	1.377%
6	9.346	1024	1031	1046	rBV	344824	625737	36.15%	3.277%
7	11.003	1306	1313	1320	rVB	214390	382637	22.10%	2.004%
8	12.178	1507	1513	1518	rBV6	9849	17536	1.01%	0.092%
9	12.377	1541	1547	1553	rBV3	22980	38669	2.23%	0.203%
10	12.883	1626	1633	1638	rBV3	13657	23854	1.38%	0.125%
11	13.317	1701	1707	1711	rBV3	17402	26623	1.54%	0.139%
12	13.429	1719	1726	1736	rVB	909140	1382759	79.88%	7.241%
13	13.605	1747	1756	1760	rBV	57116	90044	5.20%	0.472%
14	13.740	1775	1779	1785	rVB3	22246	36156	2.09%	0.189%
15	14.075	1831	1836	1840	rBV7	10723	23489	1.36%	0.123%
16	14.122	1840	1844	1849	rVV5	19480	37885	2.19%	0.198%
17	14.169	1849	1852	1857	rVV4	19874	29987	1.73%	0.157%
18	14.228	1857	1862	1863	rVV4	19677	25924	1.50%	0.136%
19	14.252	1863	1866	1870	rVV2	34952	52900	3.06%	0.277%
20	14.299	1870	1874	1881	rVV5	20879	41208	2.38%	0.216%
21	14.369	1881	1886	1894	rVB6	22142	37572	2.17%	0.197%
22	14.534	1909	1914	1921	rBV9	11274	29560	1.71%	0.155%
23	14.669	1932	1937	1941	rBV	94975	121339	7.01%	0.635%
24	14.804	1954	1960	1966	rVV	333751	517659	29.90%	2.711%
25	14.869	1967	1971	1976	rVB	30703	43677	2.52%	0.229%
26	15.004	1989	1994	2000	rBV5	14315	28135	1.63%	0.147%
27	15.115	2008	2013	2017	rBV4	12551	28455	1.64%	0.149%
28	15.192	2024	2026	2035	rVB5	17616	43767	2.53%	0.229%
29	15.274	2035	2040	2048	rBV3	32226	68836	3.98%	0.360%
30	15.350	2050	2053	2058	rVB2	19194	22483	1.30%	0.118%
31	15.409	2059	2063	2068	rBV6	16328	34167	1.97%	0.179%
32	15.615	2087	2098	2103	rBV	139935	211677	12.23%	1.109%
33	16.014	2160	2166	2170	rBV2	46813	79042	4.57%	0.414%
34	16.149	2185	2189	2200	rVB2	50910	95252	5.50%	0.499%
35	16.238	2200	2204	2207	rBV3	20887	27810	1.61%	0.146%
36	16.290	2207	2213	2222	rBV	651115	1002310	57.90%	5.249%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120522\
Data File : BG055897.D
Acq On : 5 Dec 2022 23:16
Operator : CG/JU
Sample : N5872-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-02-120222

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-BG111622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	16.473	2239	2244	2247	rBV	155864	227483	13.14%	1.191%
38	16.813	2298	2302	2305	rBV3	16544	27152	1.57%	0.142%
39	16.978	2327	2330	2336	rVB4	20949	34409	1.99%	0.180%
40	17.048	2338	2342	2345	rBV3	17375	23879	1.38%	0.125%
41	17.266	2374	2379	2383	rBV	132918	166193	9.60%	0.870%
42	17.313	2383	2387	2392	rVV	50185	72878	4.21%	0.382%
43	17.548	2421	2427	2431	rBV	366291	583959	33.73%	3.058%
44	17.589	2431	2434	2440	rVB	201078	284543	16.44%	1.490%
45	17.677	2445	2449	2454	rVV	56933	88762	5.13%	0.465%
46	17.736	2456	2459	2465	rVB3	33480	48695	2.81%	0.255%
47	17.806	2467	2471	2478	rBV6	18573	34172	1.97%	0.179%
48	17.947	2488	2495	2500	rBV3	29026	61235	3.54%	0.321%
49	18.000	2500	2504	2509	rVV	118640	148496	8.58%	0.778%
50	18.176	2529	2534	2541	rVB	356383	456019	26.34%	2.388%
51	18.406	2569	2573	2580	rBV2	189142	347628	20.08%	1.821%
52	18.464	2580	2583	2588	rVB	51409	83841	4.84%	0.439%
53	18.617	2603	2609	2612	rBV3	67083	133054	7.69%	0.697%
54	18.688	2617	2621	2625	rBV	98434	114195	6.60%	0.598%
55	19.310	2722	2727	2729	rBV2	1004558	1283883	74.16%	6.724%
56	19.340	2729	2732	2742	rVB	850823	1145729	66.18%	6.000%
57	19.469	2749	2754	2759	rBV	183981	237012	13.69%	1.241%
58	19.528	2760	2764	2766	rVV	158964	213353	12.32%	1.117%
59	19.557	2766	2769	2771	rVV	281397	396415	22.90%	2.076%
60	19.587	2771	2774	2781	rVV	613689	956384	55.25%	5.009%
61	19.669	2785	2788	2796	rVB3	65287	117078	6.76%	0.613%
62	19.886	2822	2825	2827	rBV	49072	52883	3.05%	0.277%
63	19.916	2827	2830	2832	rVV2	78573	110519	6.38%	0.579%
64	19.951	2832	2836	2844	rVB	492087	695122	40.15%	3.640%
65	20.133	2862	2867	2873	rVB	1304271	1731131	100.00%	9.066%
66	20.409	2911	2914	2916	rBV	62933	78044	4.51%	0.409%
67	20.538	2933	2936	2942	rBV2	50217	94211	5.44%	0.493%
68	21.831	3148	3156	3161	rBV2	406234	954318	55.13%	4.998%
69	21.878	3161	3164	3175	rVB	173167	287963	16.63%	1.508%

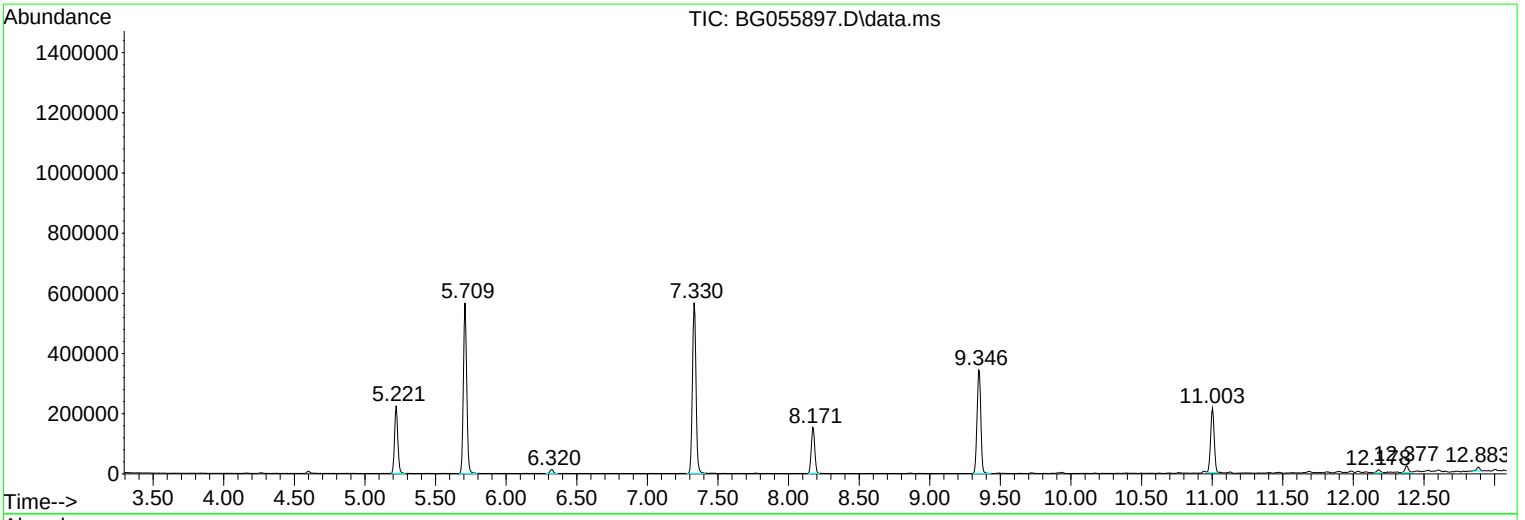
Sum of corrected areas: 19095116

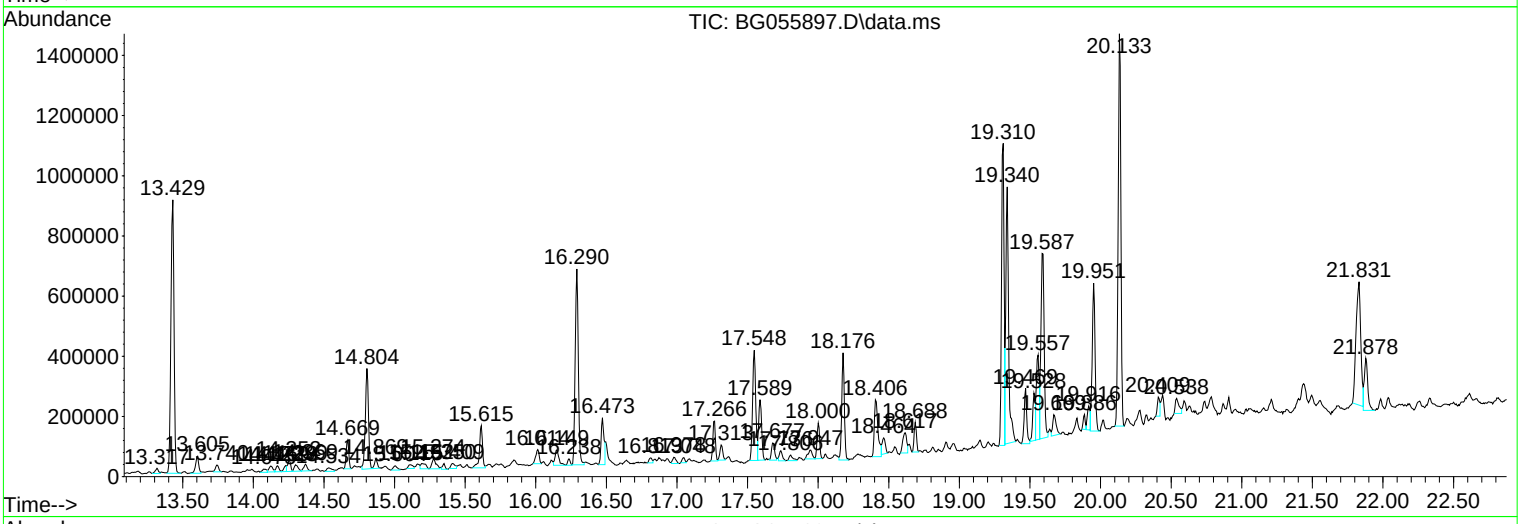
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120522\
Data File : BG055897.D
Acq On : 5 Dec 2022 23:16
Operator : CG/JU
Sample : N5872-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

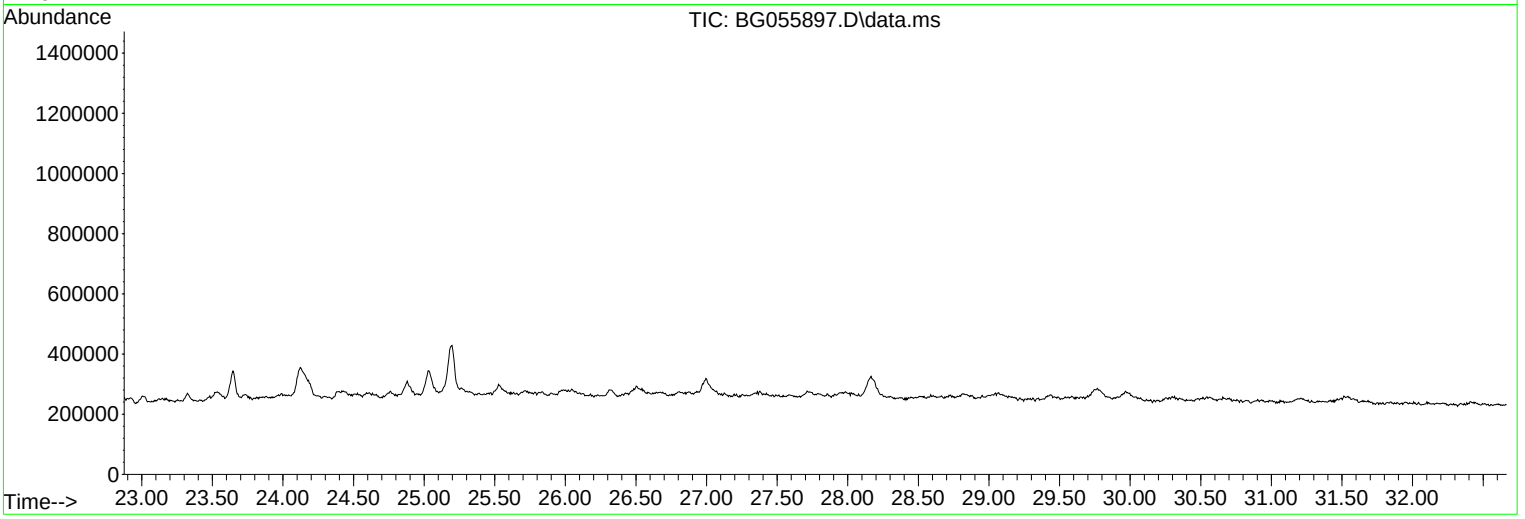
Instrument :
BNA_G
ClientSampleId :
HR-02-120222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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\BG120522\
Data File : BG055897.D
Acq On : 5 Dec 2022 23:16
Operator : CG/JU
Sample : N5872-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-02-120222

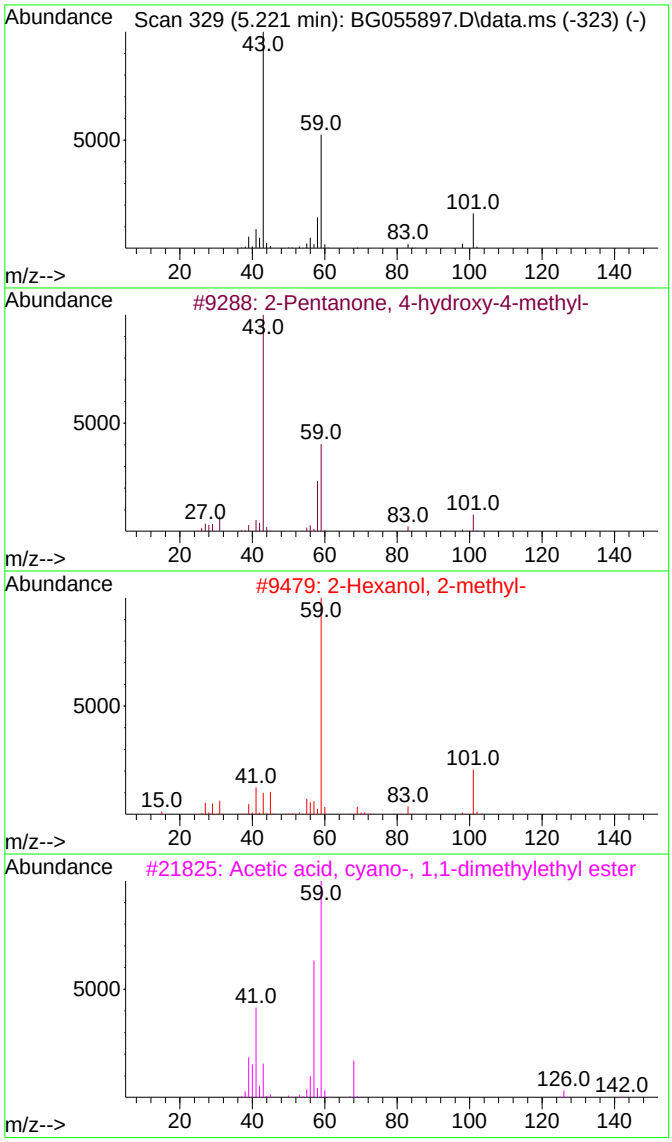
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

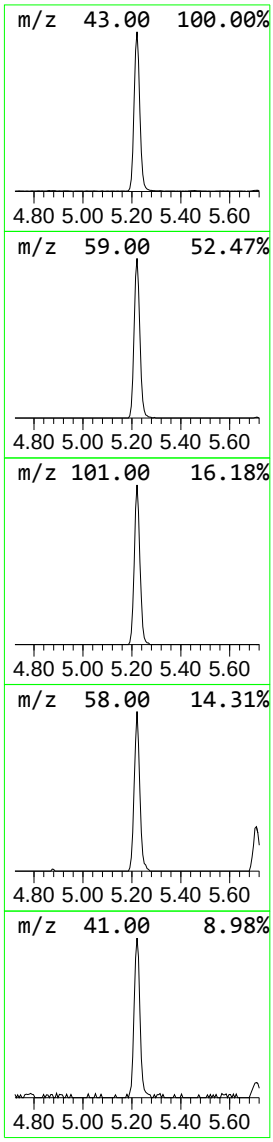
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.221	27.54 ng	362124	1,4-Dichlorobenzene-d4	8.176

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120522\
Data File : BG055897.D
Acq On : 5 Dec 2022 23:16
Operator : CG/JU
Sample : N5872-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-02-120222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

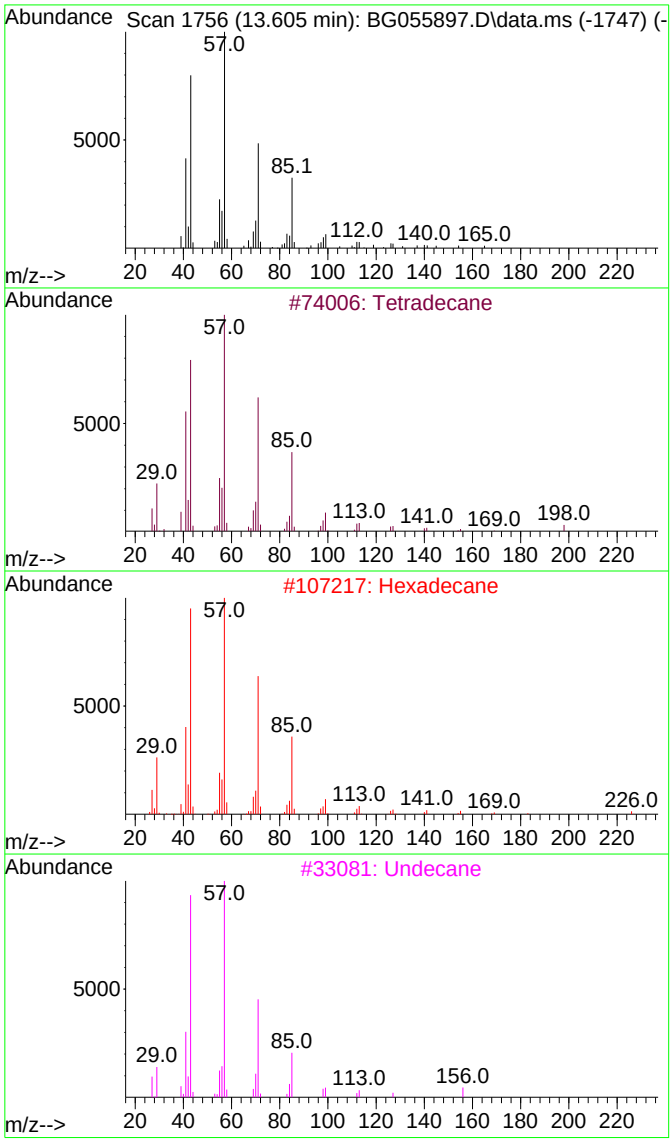
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

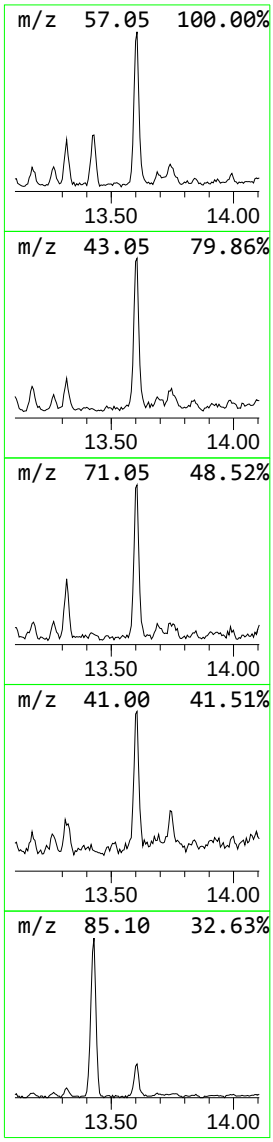
****

Peak Number 2 Tetradecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.605	3.48 ng	90044	Acenaphthene-d10	14.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Undecane	156	C11H24	001120-21-4	86
4	Tridecane	184	C13H28	000629-50-5	86
5	Pentadecane	212	C15H32	000629-62-9	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120522\
Data File : BG055897.D
Acq On : 5 Dec 2022 23:16
Operator : CG/JU
Sample : N5872-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-02-120222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

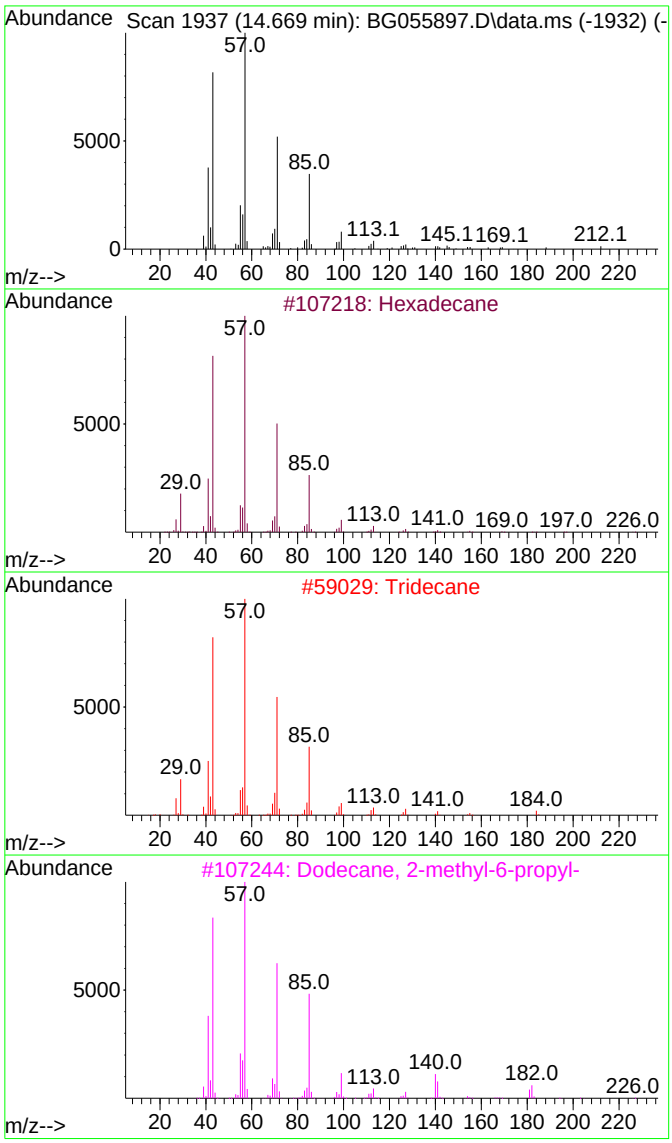
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

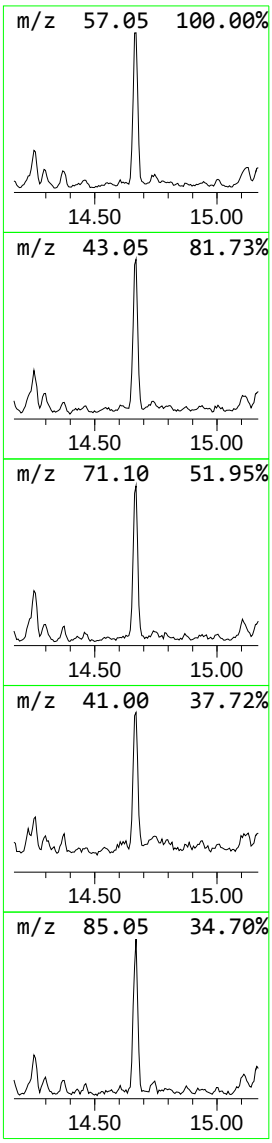
****

Peak Number 3 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.669	4.69 ng	121339	Acenaphthene-d10	14.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tridecane	184	C13H28	000629-50-5	90
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4	Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	86
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120522\
Data File : BG055897.D
Acq On : 5 Dec 2022 23:16
Operator : CG/JU
Sample : N5872-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-02-120222

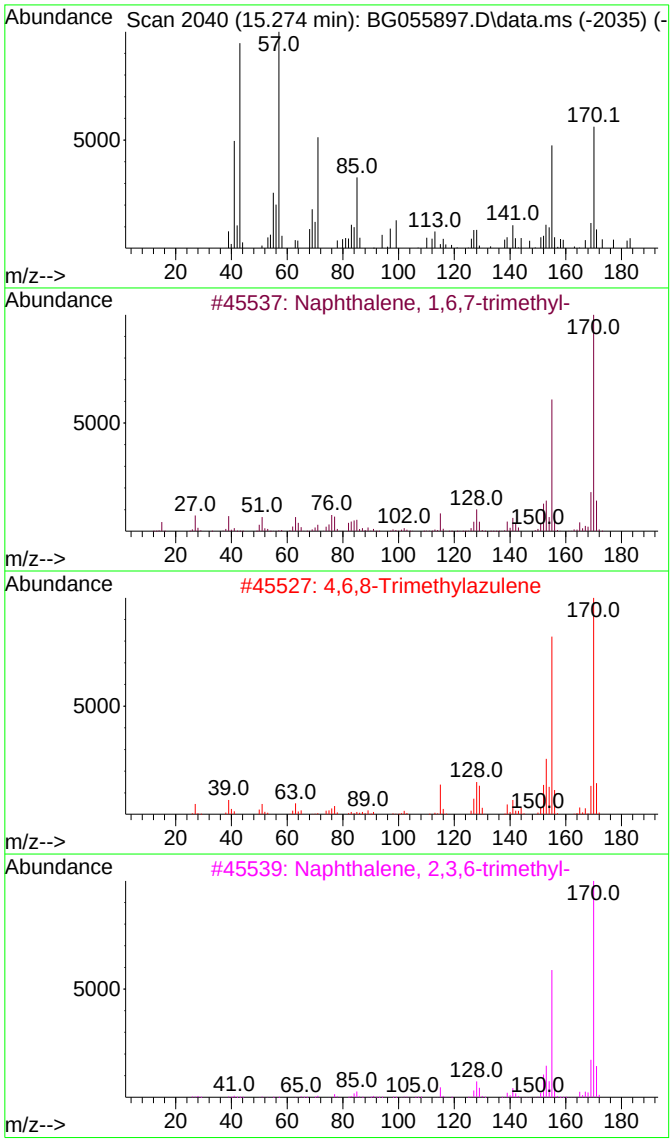
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

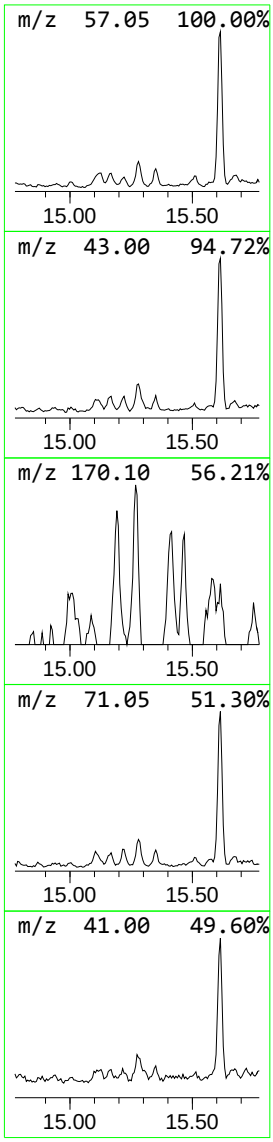
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 1,6,7-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.274	2.66 ng	68836	Acenaphthene-d10	14.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86
2	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	53
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	49
4	Dodecane	170	C12H26	000112-40-3	49
5	3,4-Dimethoxythiophenol	170	C8H10O2S	000700-96-9	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120522\
Data File : BG055897.D
Acq On : 5 Dec 2022 23:16
Operator : CG/JU
Sample : N5872-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-02-120222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

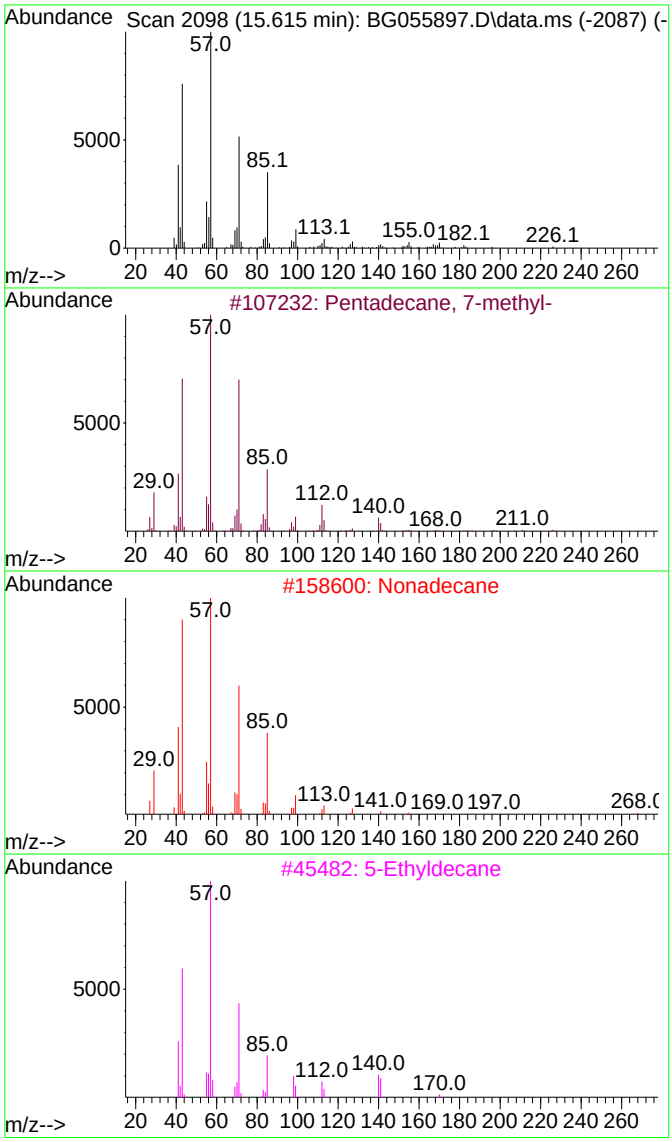
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

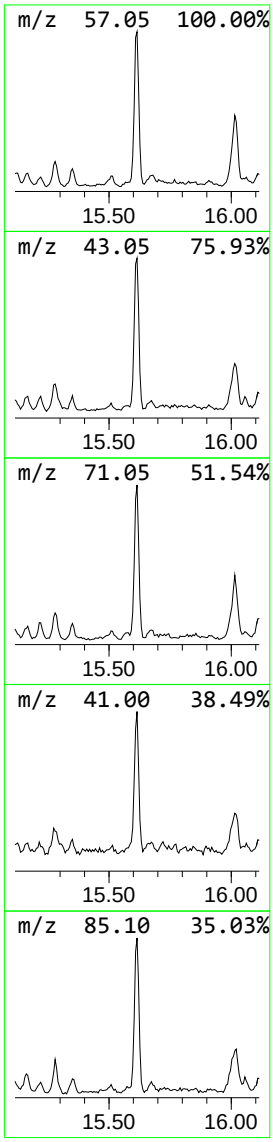
****

Peak Number 5 Pentadecane, 7-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.615	8.18 ng	211677	Acenaphthene-d10	14.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	91
2	Nonadecane	268	C19H40	000629-92-5	91
3	5-Ethyldecane	170	C12H26	017302-36-2	91
4	Hexadecane	226	C16H34	000544-76-3	91
5	Heneicosane	296	C21H44	000629-94-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120522\
Data File : BG055897.D
Acq On : 5 Dec 2022 23:16
Operator : CG/JU
Sample : N5872-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-02-120222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

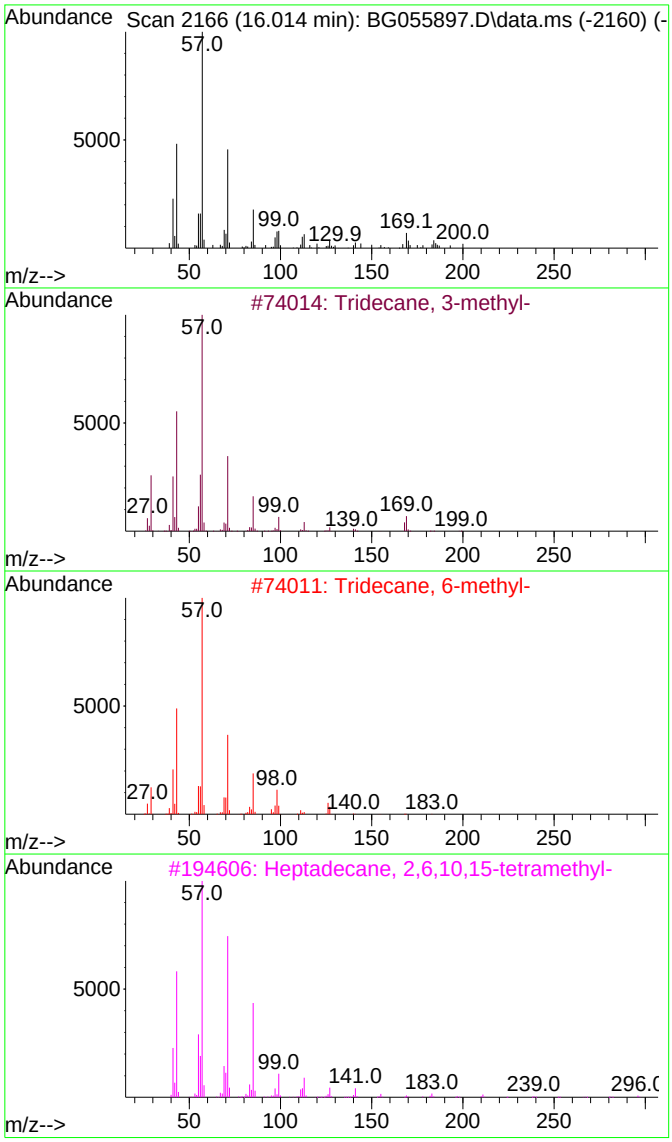
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

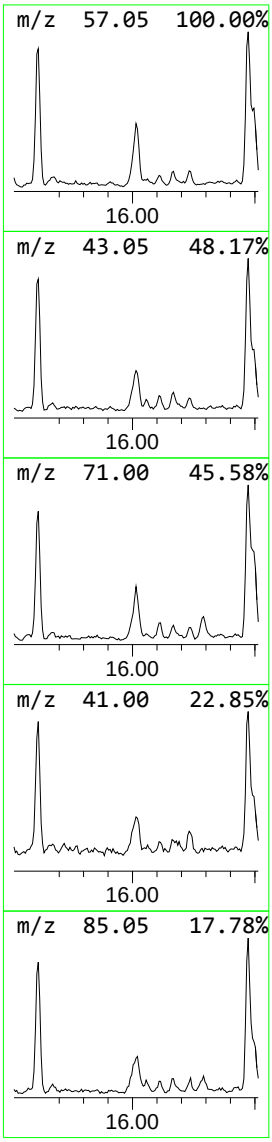
****

Peak Number 6 Tridecane, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.014	3.05 ng	79042	Acenaphthene-d10	14.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methyl-	198	C14H30	006418-41-3	72
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	58
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	53
4	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	53
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120522\
Data File : BG055897.D
Acq On : 5 Dec 2022 23:16
Operator : CG/JU
Sample : N5872-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-02-120222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

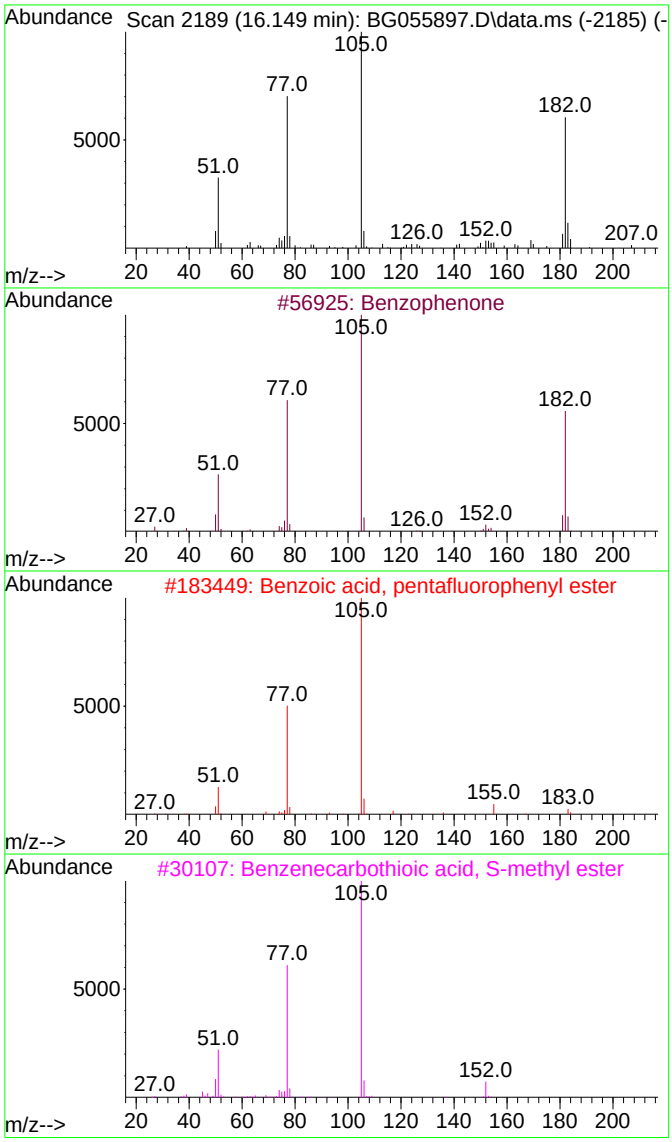
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

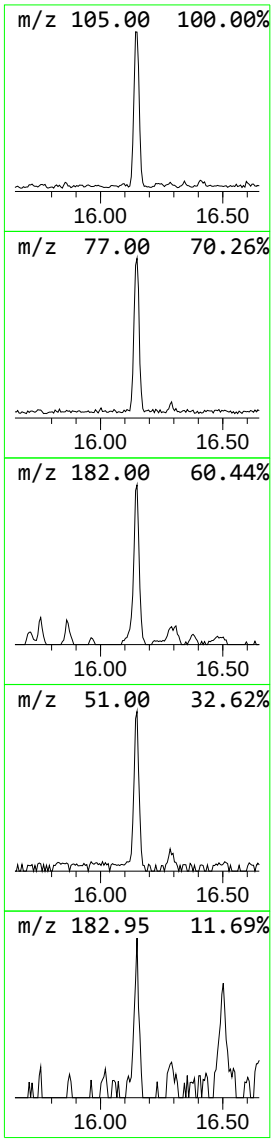
****

Peak Number 7 Benzophenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.149	3.68 ng	95252	Acenaphthene-d10	14.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	94
2	Benzoic acid, pentafluorophenyl ...	288	C13H5F5O2	1000360-67-9	47
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	46
4	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	46
5	Benzoylformic acid	150	C8H6O3	000611-73-4	43





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Acq On : 5 Dec 2022 23:16
Operator : CG/JU
Sample : N5872-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-02-120222

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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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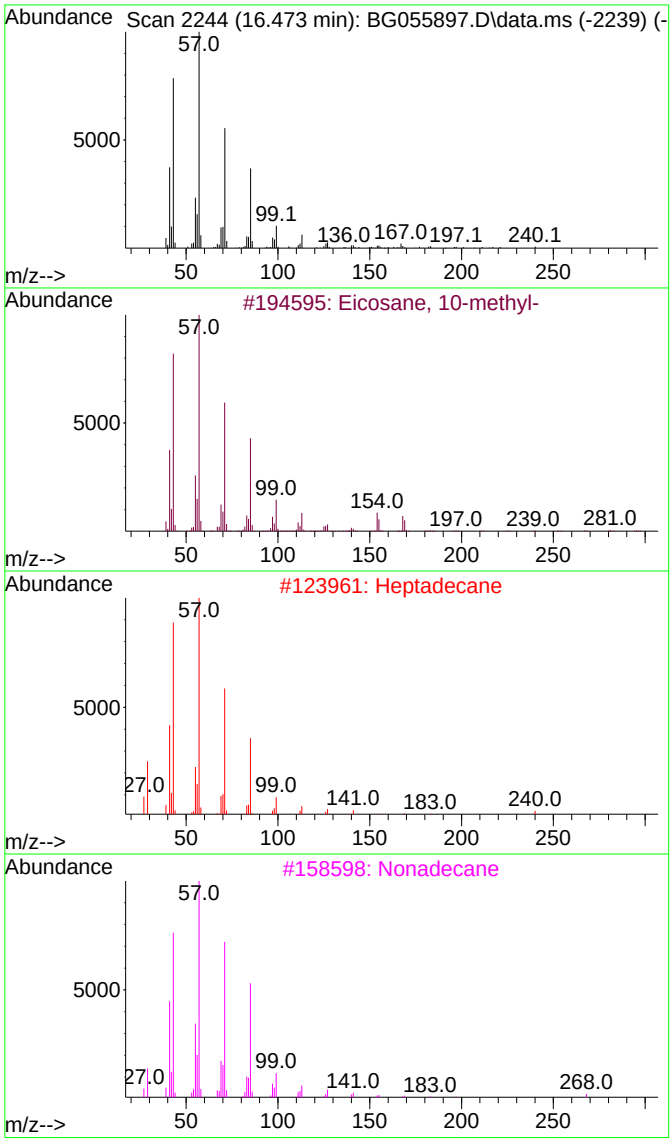
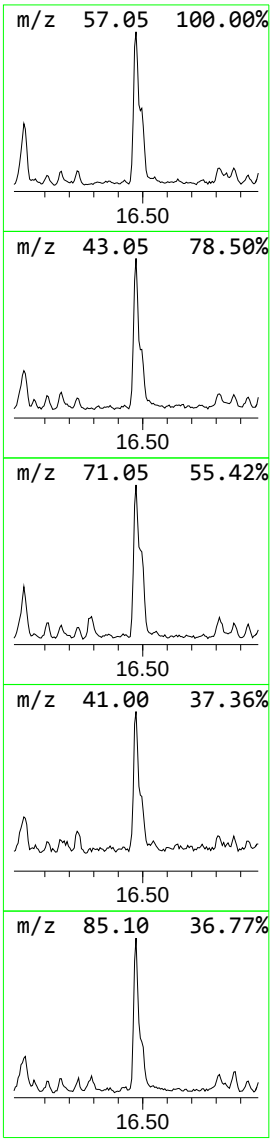
Peak Number 8 Eicosane, 10-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.473	7.79 ng	227483	Phenanthrene-d10	17.548

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Nonadecane	268	C19H40	000629-92-5	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Heptacosane	380	C27H56	000593-49-7	90





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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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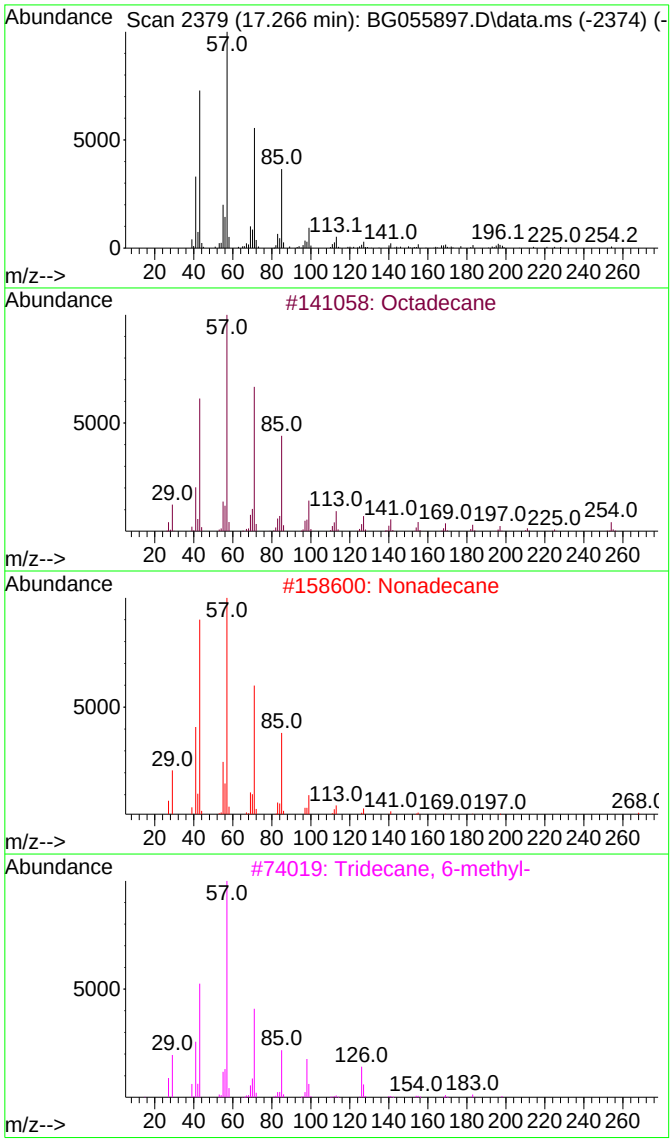
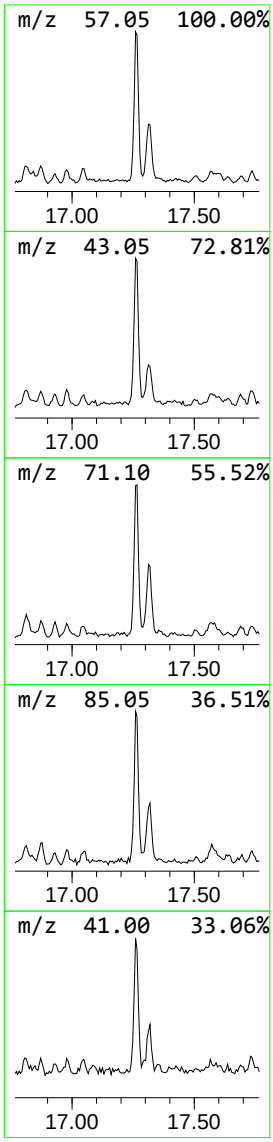
Peak Number 9 Octadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.266	5.69 ng	166193	Phenanthrene-d10	17.548

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	94
2	Nonadecane	268	C19H40	000629-92-5	91
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	90
4	Pentadecane	212	C15H32	000629-62-9	87
5	Octacosane	394	C28H58	000630-02-4	87





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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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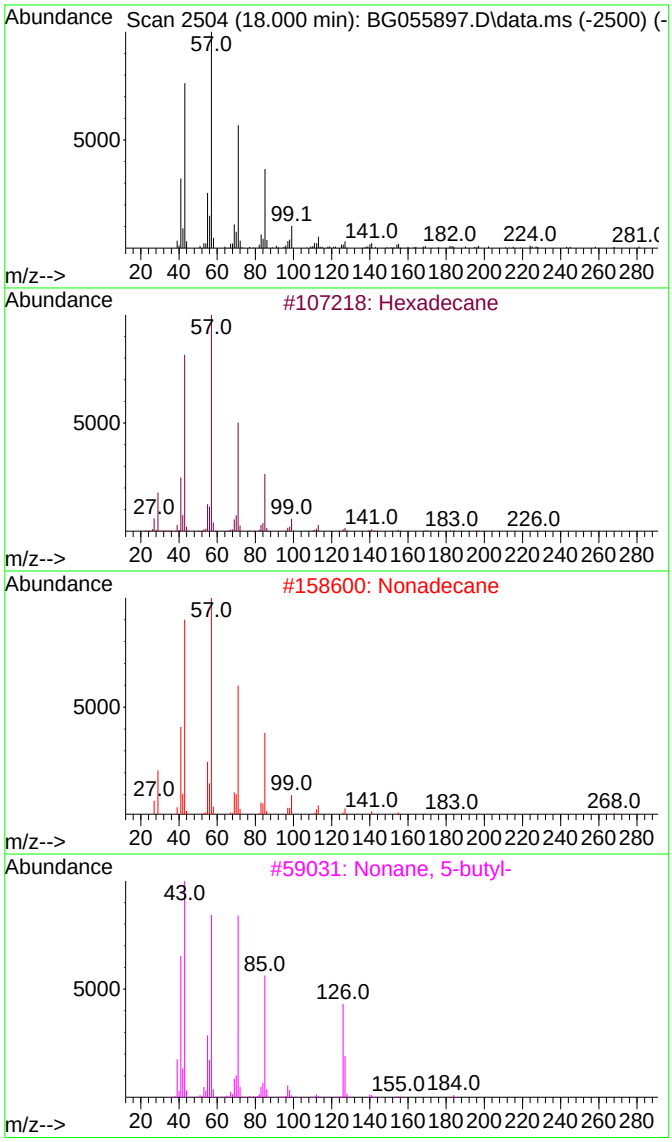
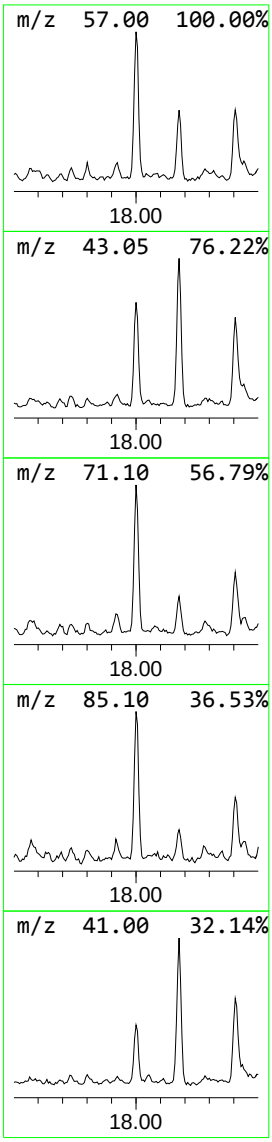
Peak Number 10 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.000	5.09 ng	148496	Phenanthrene-d10	17.548

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Nonadecane	268	C19H40	000629-92-5	90
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	89
4	Decane, 1-iodo-	268	C10H21I	002050-77-3	87
5	Octacosane	394	C28H58	000630-02-4	87





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Instrument :
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ClientSampleId :
HR-02-120222

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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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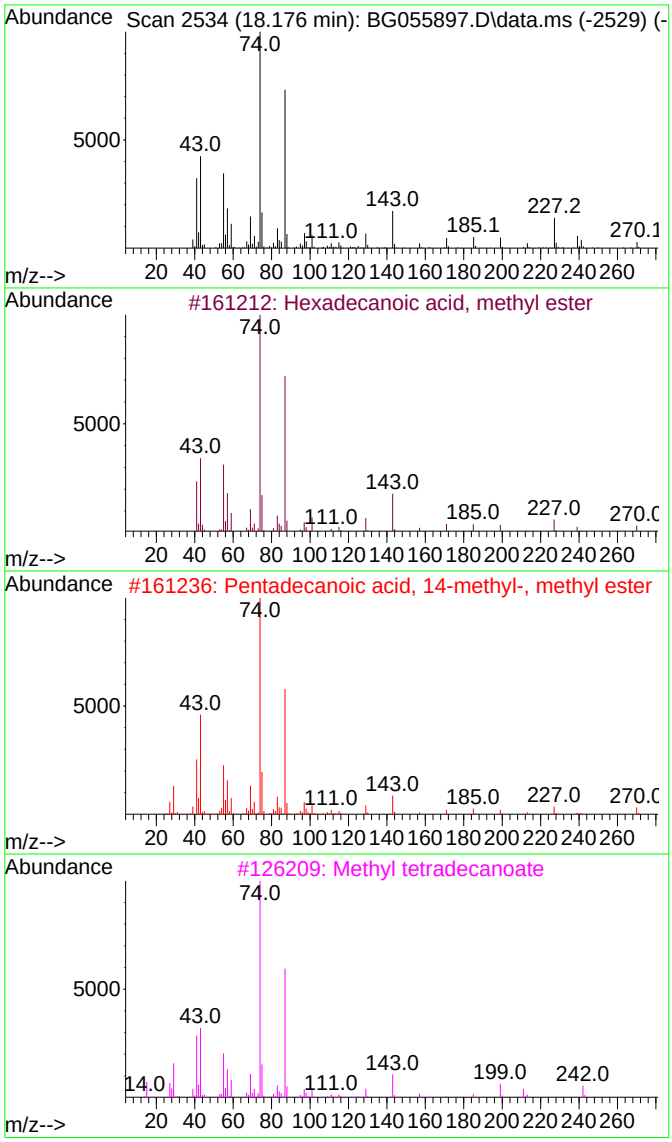
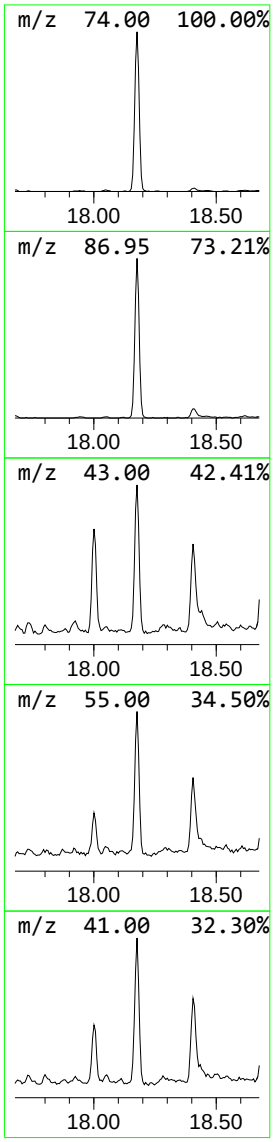
Peak Number 11 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.176	15.62 ng	456019	Phenanthrene-d10	17.548

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	93
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	92
5	Dodecanoic acid, 10-methyl-, met...	228	C14H28O2	005129-65-7	87





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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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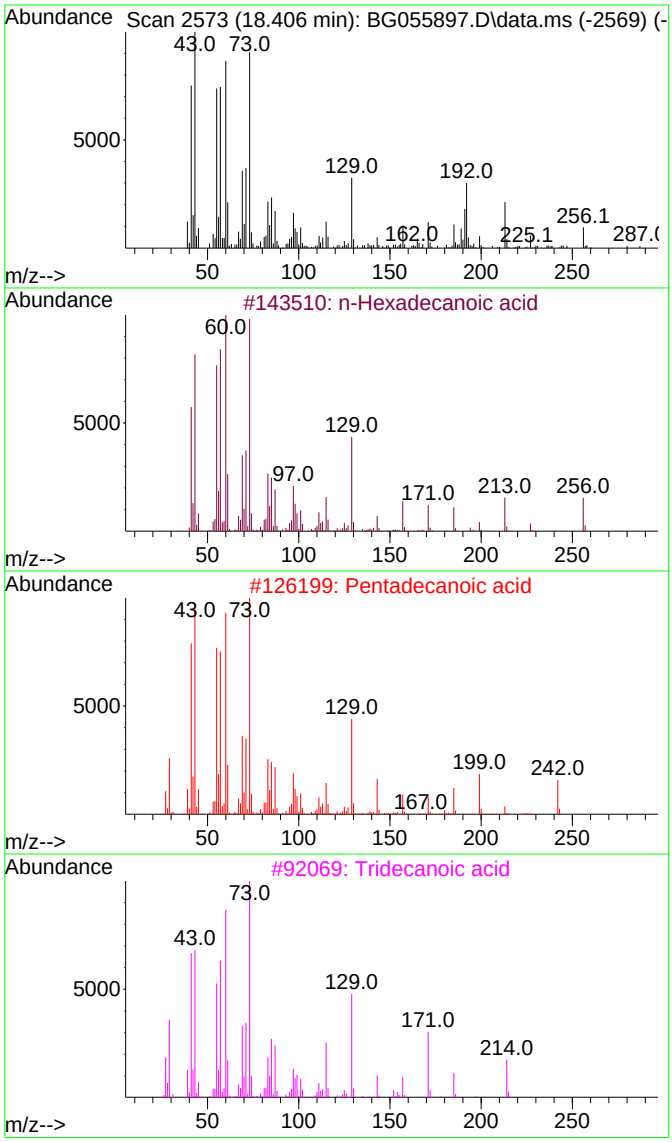
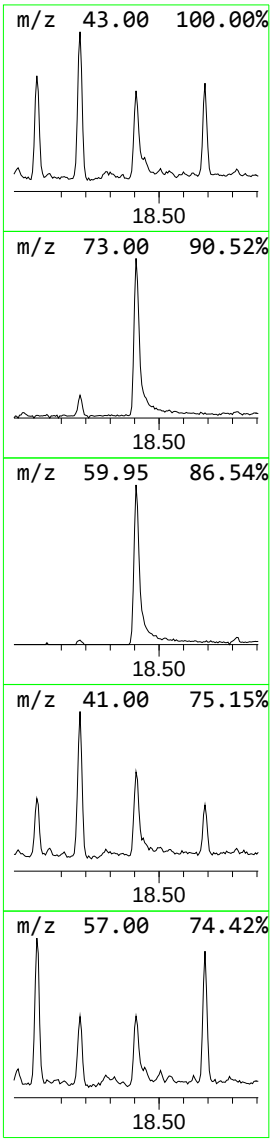
Peak Number 12 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.406	11.91 ng	347628	Phenanthrene-d10	17.548

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Undecanoic acid	186	C11H22O2	000112-37-8	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	58





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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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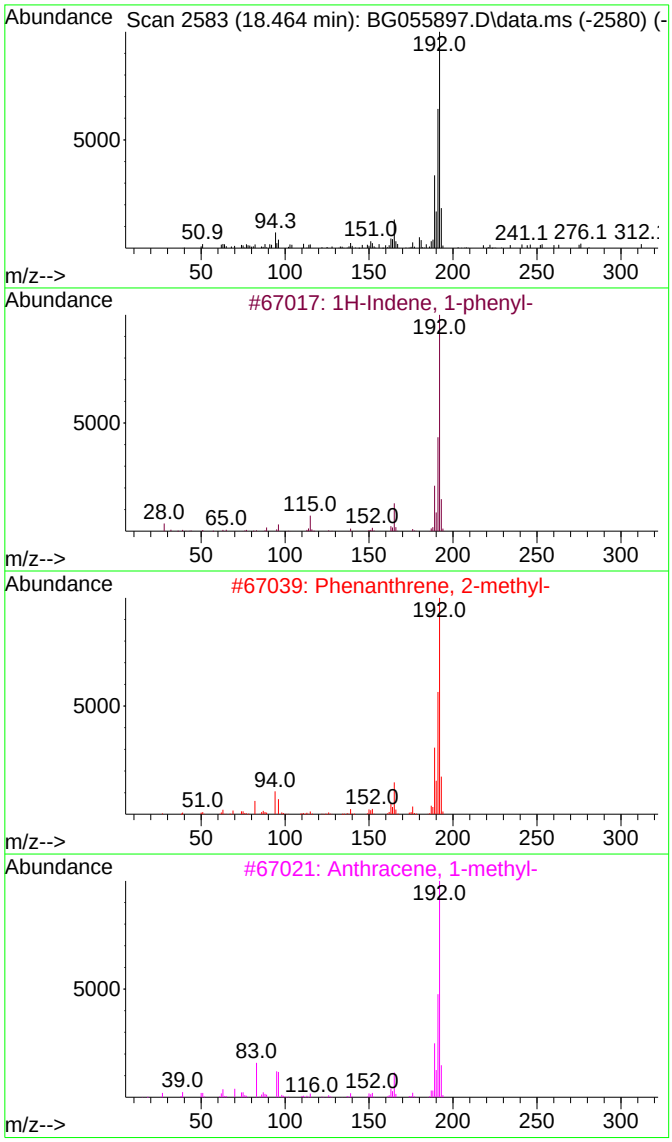
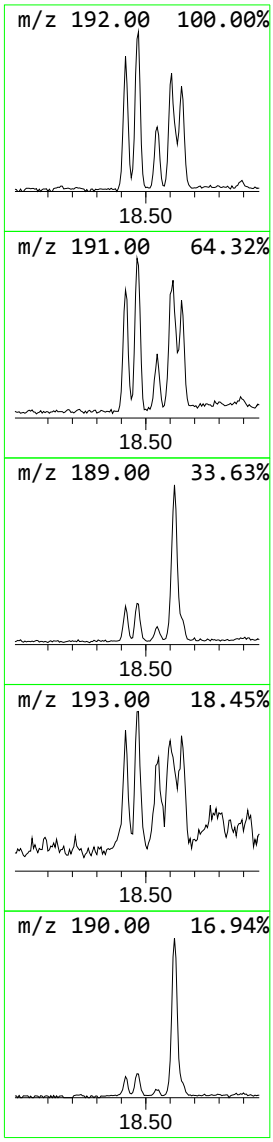
Peak Number 13 1H-Indene, 1-phenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.464	2.87 ng	83841	Phenanthrene-d10	17.548

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91





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ALS Vial : 15 Sample Multiplier: 1

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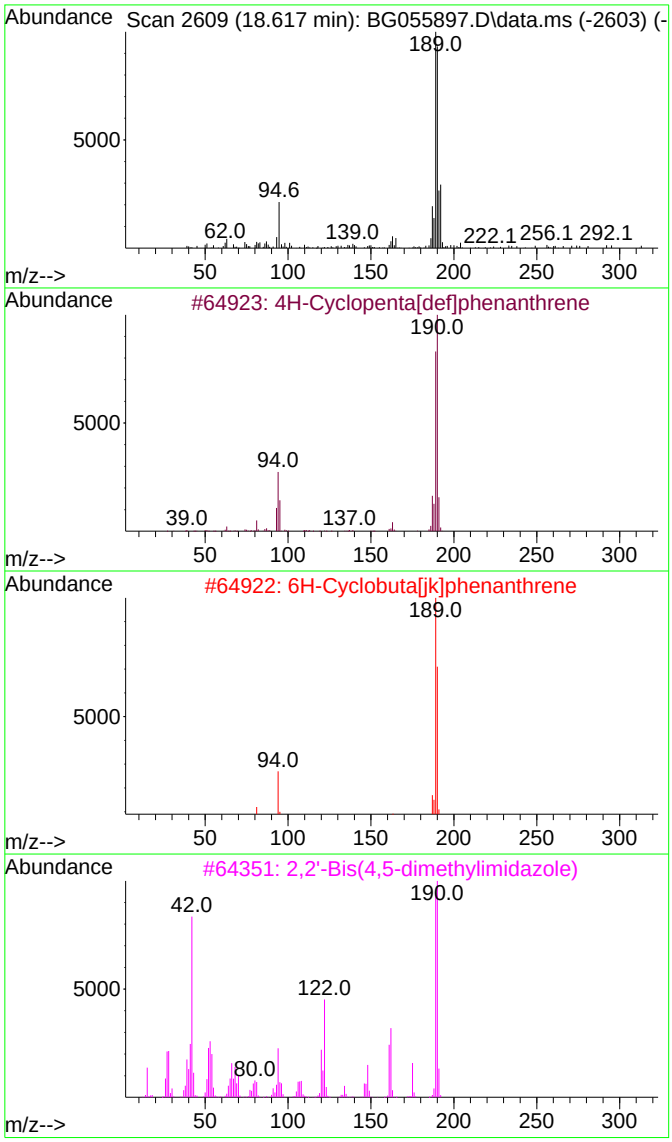
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

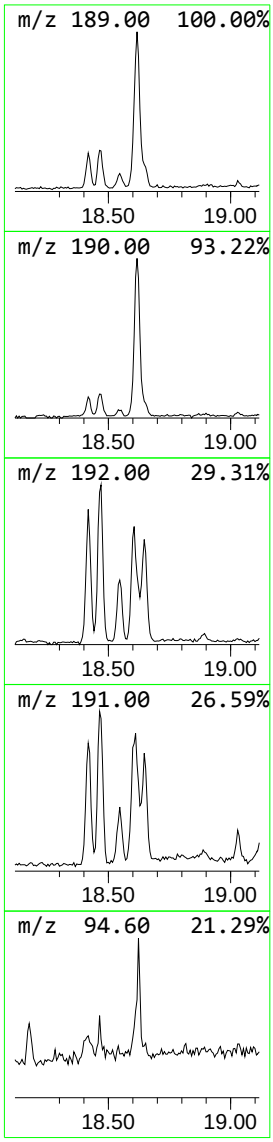
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.617	4.56 ng	133054	Phenanthrene-d10	17.548

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4	1-Aminocyclopentanecarboxylic ac...	319	C15H26ClNO4	1000329-16-6	27
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25





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Misc :
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Instrument :
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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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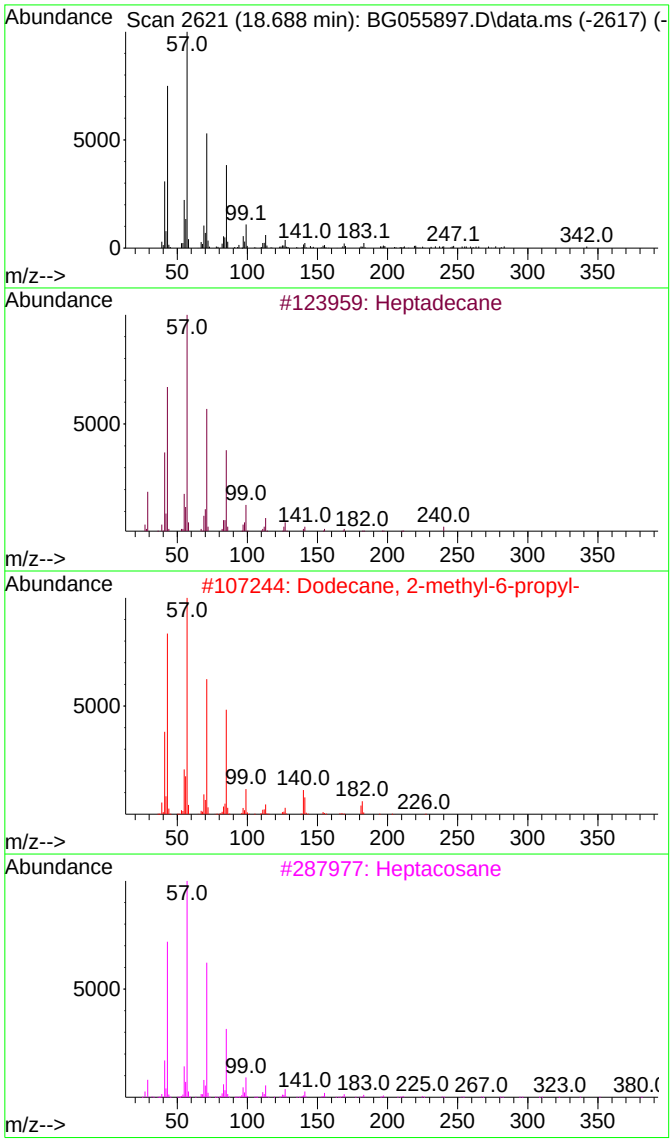
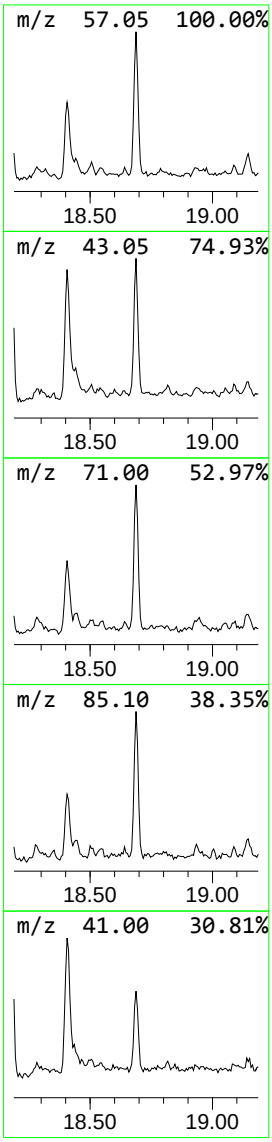
Peak Number 15 Heptadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.688	3.91 ng	114195	Phenanthrene-d10	17.548

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
3	Heptacosane	380	C27H56	000593-49-7	91
4	Nonadecane	268	C19H40	000629-92-5	91
5	Eicosane	282	C20H42	000112-95-8	91





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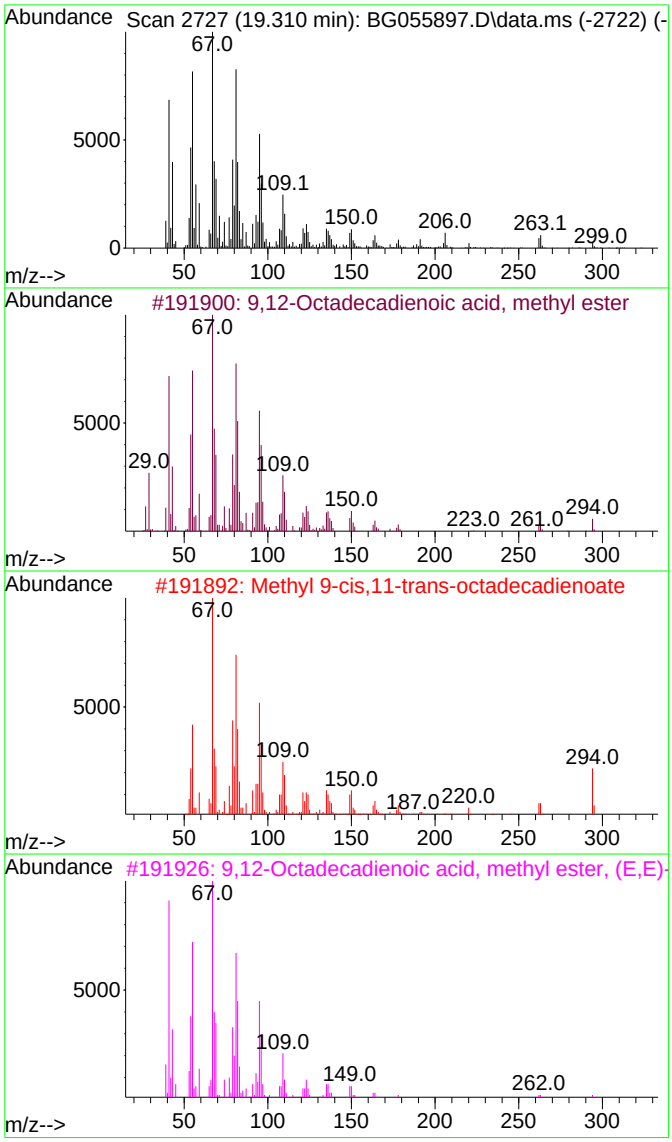
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

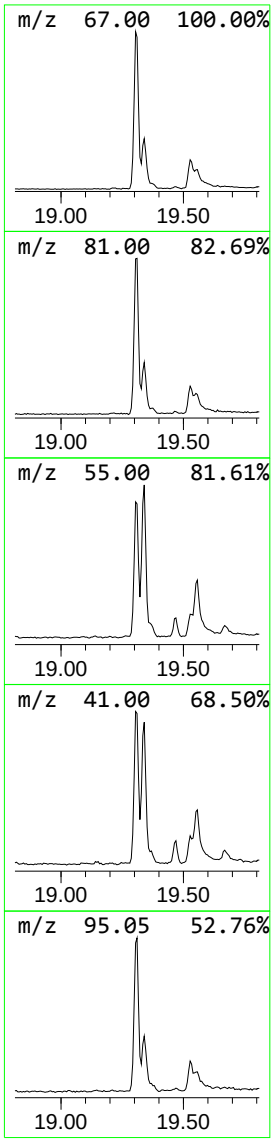
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.310	43.97 ng	1283880	Phenanthrene-d10	17.548

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	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	98
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	98





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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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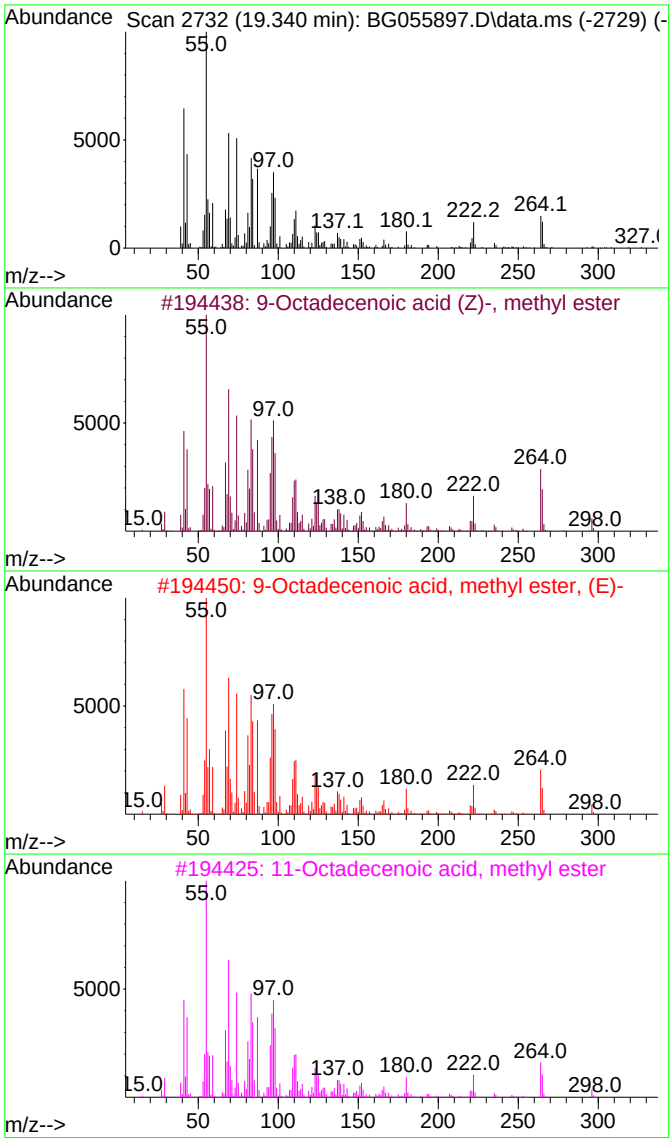
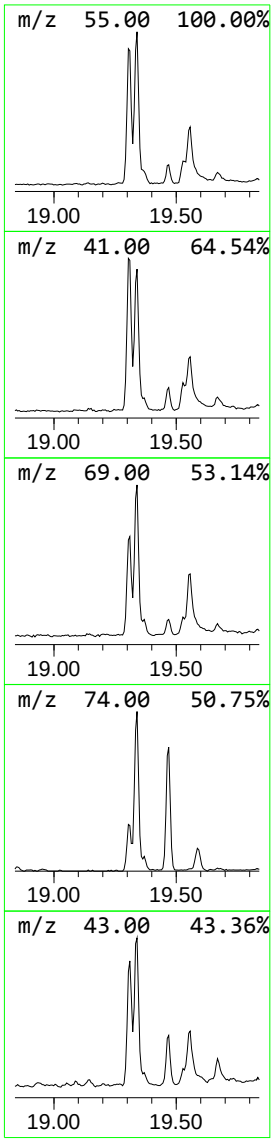
Peak Number 17 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.340	39.24 ng	1145730	Phenanthrene-d10	17.548

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	91
2	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	91
3	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	91
4	7-Octadecenoic acid, methyl ester	296	C19H36O2	057396-98-2	91
5	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	91





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TIC Library : C:\Database\NIST20.L
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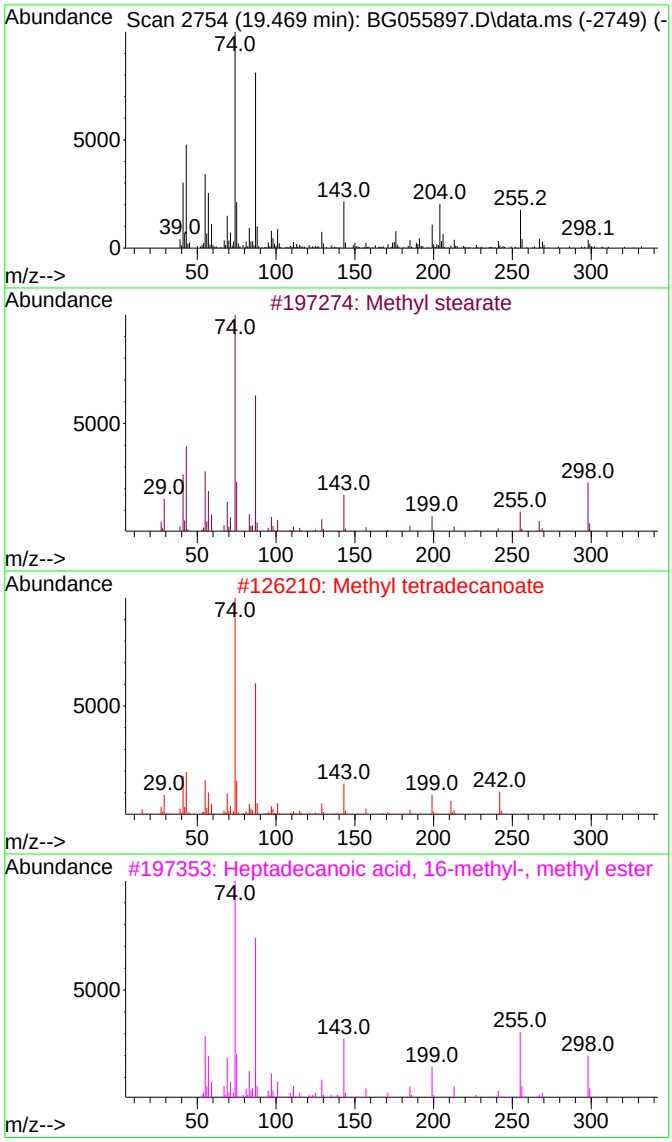
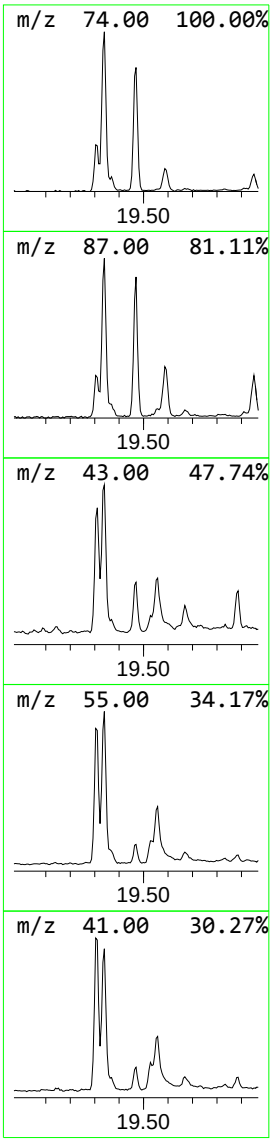
Peak Number 18 Methyl stearate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.469	8.12 ng	237012	Phenanthrene-d10	17.548

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	93
2	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
3	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	86
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	81
5	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	81





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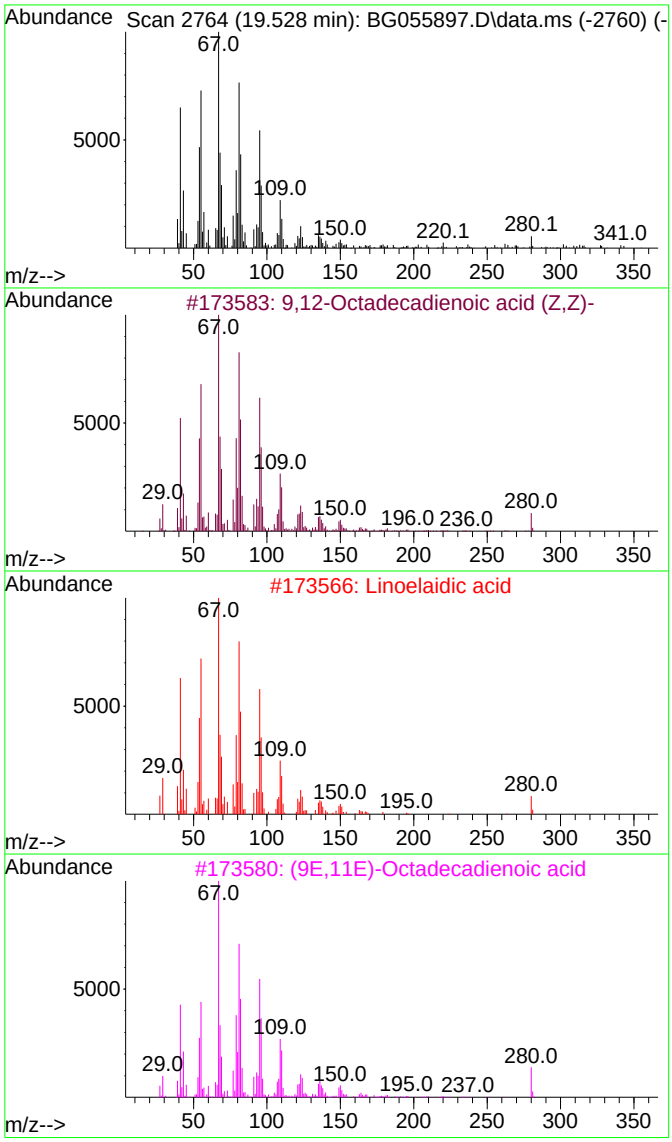
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

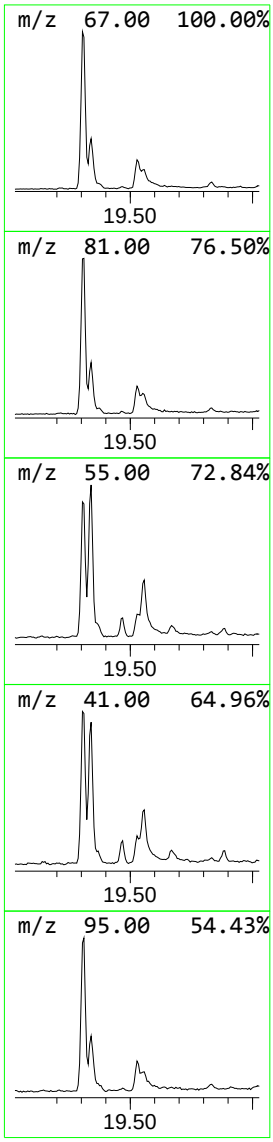
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.528	7.31 ng	213353	Phenanthrene-d10	17.548

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99
2	Linoelaidic acid	280	C18H32O2	000506-21-8	99
3	(9E,11E)-Octadecadienoic acid	280	C18H32O2	000544-71-8	98
4	10E,12Z-Octadecadienoic acid	280	C18H32O2	002420-56-6	97
5	Bicyclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120522\
Data File : BG055897.D
Acq On : 5 Dec 2022 23:16
Operator : CG/JU
Sample : N5872-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-02-120222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

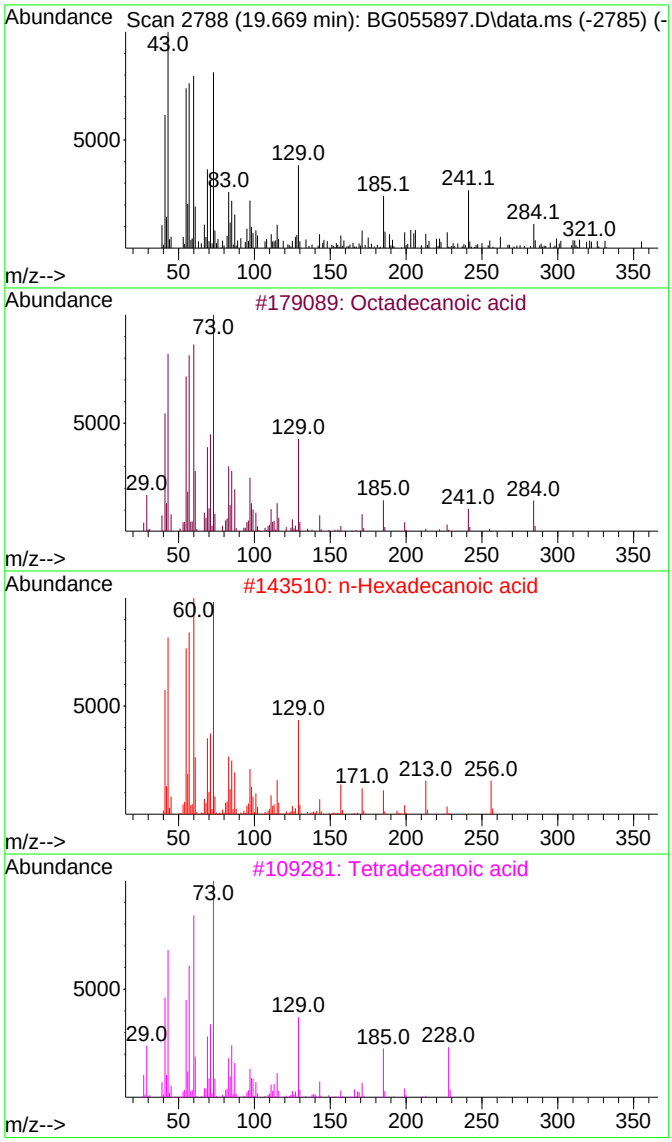
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

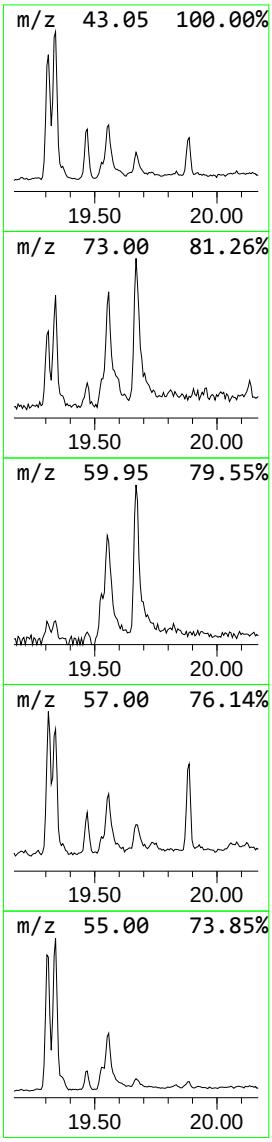
****

Peak Number 20 Octadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.669	4.01 ng	117078	Phenanthrene-d10	17.548

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	Pentadecanoic acid, 15-bromo-	320	C15H29BrO2	056523-59-2	72
5	Undecanoic acid	186	C11H22O2	000112-37-8	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120522\
Data File : BG055897.D
Acq On : 5 Dec 2022 23:16
Operator : CG/JU
Sample : N5872-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-02-120222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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-...	5.221	27.5	ng	362124	1	8.176	263007	20.0
Tetradecane	13.605	3.5	ng	90044	3	14.804	517659	20.0
Hexadecane	14.669	4.7	ng	121339	3	14.804	517659	20.0
Naphthalene, 1,...	15.274	2.7	ng	68836	3	14.804	517659	20.0
Pentadecane, 7-...	15.615	8.2	ng	211677	3	14.804	517659	20.0
Tridecane, 3-me...	16.014	3.0	ng	79042	3	14.804	517659	20.0
Benzophenone	16.149	3.7	ng	95252	3	14.804	517659	20.0
Eicosane, 10-me...	16.473	7.8	ng	227483	4	17.548	583959	20.0
Octadecane	17.266	5.7	ng	166193	4	17.548	583959	20.0
Nonadecane	18.000	5.1	ng	148496	4	17.548	583959	20.0
Hexadecanoic ac...	18.176	15.6	ng	456019	4	17.548	583959	20.0
n-Hexadecanoic ...	18.406	11.9	ng	347628	4	17.548	583959	20.0
1H-Indene, 1-ph...	18.464	2.9	ng	83841	4	17.548	583959	20.0
4H-Cyclopenta[d...	18.617	4.6	ng	133054	4	17.548	583959	20.0
Heptadecane	18.688	3.9	ng	114195	4	17.548	583959	20.0
9,12-Octadecadi...	19.310	44.0	ng	1283880	4	17.548	583959	20.0
9-Octadecenoic ...	19.340	39.2	ng	1145730	4	17.548	583959	20.0
Methyl stearate	19.469	8.1	ng	237012	4	17.548	583959	20.0
9,12-Octadecadi...	19.528	7.3	ng	213353	4	17.548	583959	20.0
Octadecanoic acid	19.669	4.0	ng	117078	4	17.548	583959	20.0