LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061224\
Data File : BP020607.D
Acq On : 12 Jun 2024 19:40
Operator : MA/JU
Sample : P2846-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HR-03-061124

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP020607.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.034	3	8	19	rVB	372606	656265	1.22%	0.251%
2	5.375	399	406	413	rBV	626891	930001	1.72%	0.355%
3	6.934	661	671	677	rBV	547869	983736	1.82%	0.376%
4	7.757	800	811	819	rBV	916194	1546500	2.87%	0.590%
5	8.898	1000	1005	1010	rBV	321425	612509	1.14%	0.234%
6	8.957	1011	1015	1021	rVB	640175	993566	1.84%	0.379%
7	10.498	1270	1277	1279	rBV	1253456	2109215	3.91%	0.805%
8	10.528	1279	1282	1287	rVB	1160821	1741764	3.23%	0.665%
9	10.675	1303	1307	1313	rVB	433152	728259	1.35%	0.278%
10	10.934	1336	1351	1356	rBV8	164255	641761	1.19%	0.245%
11	10.992	1356	1361	1368	rVB3	247014	578752	1.07%	0.221%
12	11.222	1396	1400	1407	rVV6	340680	941941	1.75%	0.360%
13	11.357	1417	1423	1430	rVB4	324829	652787	1.21%	0.249%
14	11.434	1430	1436	1443	rBV3	422494	849984	1.58%	0.325%
15	11.545	1450	1455	1458	rBV	541763	857422	1.59%	0.327%
16	11.704	1477	1482	1491	rVB2	468958	946013	1.75%	0.361%
17	11.945	1514	1523	1529	rBV	1858462	3163535	5.87%	1.208%
18	12.428	1600	1605	1611	rBV2	538938	839553	1.56%	0.321%
19	12.628	1635	1639	1646	rBV3	302938	564088	1.05%	0.215%
20	12.692	1646	1650	1656	rBV3	333329	613740	1.14%	0.234%
21	12.757	1657	1661	1666	rVB3	350799	588331	1.09%	0.225%
22	12.851	1672	1677	1682	rBV4	382638	793230	1.47%	0.303%
23	12.910	1682	1687	1693	rVB2	749689	1244829	2.31%	0.475%
24	12.992	1697	1701	1705	rBV	1081376	1316328	2.44%	0.503%
25	13.192	1728	1735	1742	rBV	2204449	3821233	7.09%	1.459%
26	13.316	1753	1756	1760	rVV2	466584	730211	1.35%	0.279%
27	13.857	1840	1848	1852	rBV2	926291	1872989	3.47%	0.715%
28	13.898	1852	1855	1861	rVB3	666062	900956	1.67%	0.344%
29	13.975	1866	1868	1872	rVB	490851	564747	1.05%	0.216%
30	14.280	1915	1920	1927	rBV	3406737	4502947	8.35%	1.719%
31	14.380	1928	1937	1945	rVV	1714949	3497665	6.49%	1.335%
32	14.798	2004	2008	2014	rVB3	415077	632629	1.17%	0.242%
33	14.910	2023	2027	2035	rVB4	758235	1283429	2.38%	0.490%
34	15.257	2081	2086	2090	rVB	3348973	4560191	8.46%	1.741%
35	15.351	2099	2102	2111	rVB4	391709	794748	1.47%	0.303%
36	15.669	2150	2156	2160	rBV	1503865	2345692	4.35%	0.896%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061224\
Data File : BP020607.D
Acq On : 12 Jun 2024 19:40
Operator : MA/JU
Sample : P2846-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HR-03-061124

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.822	2178	2182	2188	rBV4	342124	667401	1.24%	0.255%
38	15.898	2189	2195	2204	rVV4	972126	1764224	3.27%	0.674%
39	16.133	2230	2235	2245	rBV	3376264	7088725	13.15%	2.706%
40	16.951	2370	2374	2379	rBV	3277684	4511694	8.37%	1.722%
41	17.010	2379	2384	2393	rVB	1152513	2324641	4.31%	0.888%
42	17.186	2410	2414	2420	rBV	2120763	2857084	5.30%	1.091%
43	17.445	2454	2458	2464	rBV	326796	546390	1.01%	0.209%
44	17.510	2466	2469	2475	rVB	434636	569171	1.06%	0.217%
45	17.633	2487	2490	2496	rVB2	343569	547916	1.02%	0.209%
46	17.721	2501	2505	2510	rBV	3098855	4065449	7.54%	1.552%
47	17.910	2530	2537	2541	rVB	17352172	24680400	45.77%	9.423%
48	18.151	2573	2578	2583	rBV	3340602	4786185	8.88%	1.827%
49	18.445	2622	2628	2637	rBV	2233385	4250016	7.88%	1.623%
50	19.104	2732	2740	2741	rBV2	26217426	52349417	97.08%	19.986%
51	19.151	2744	2748	2757	rVB3	26425035	53926512	100.00%	20.588%
52	19.274	2763	2769	2773	rBV	12145995	15374880	28.51%	5.870%
53	19.333	2773	2779	2781	rBV	5766003	8373208	15.53%	3.197%
54	19.357	2781	2783	2788	rVB2	3381613	4125700	7.65%	1.575%
55	19.474	2800	2803	2812	rVB2	1002002	1667266	3.09%	0.637%
56	19.710	2839	2843	2847	rBV	1873522	2151035	3.99%	0.821%
57	19.927	2876	2880	2884	rVB	1586380	2216484	4.11%	0.846%
58	20.274	2935	2939	2941	rBV	1819091	2215418	4.11%	0.846%
59	20.304	2941	2944	2953	rVB3	1355588	2449812	4.54%	0.935%
60	20.410	2959	2962	2966	rBV	1256526	1371355	2.54%	0.524%
61	20.786	3023	3026	3031	rVB	1008577	1223553	2.27%	0.467%
62	21.327	3115	3118	3124	rBV	832022	1123490	2.08%	0.429%
63	21.480	3141	3144	3154	rVB	1073577	1865147	3.46%	0.712%
64	21.651	3169	3173	3178	rBV2	1484554	2433281	4.51%	0.929%

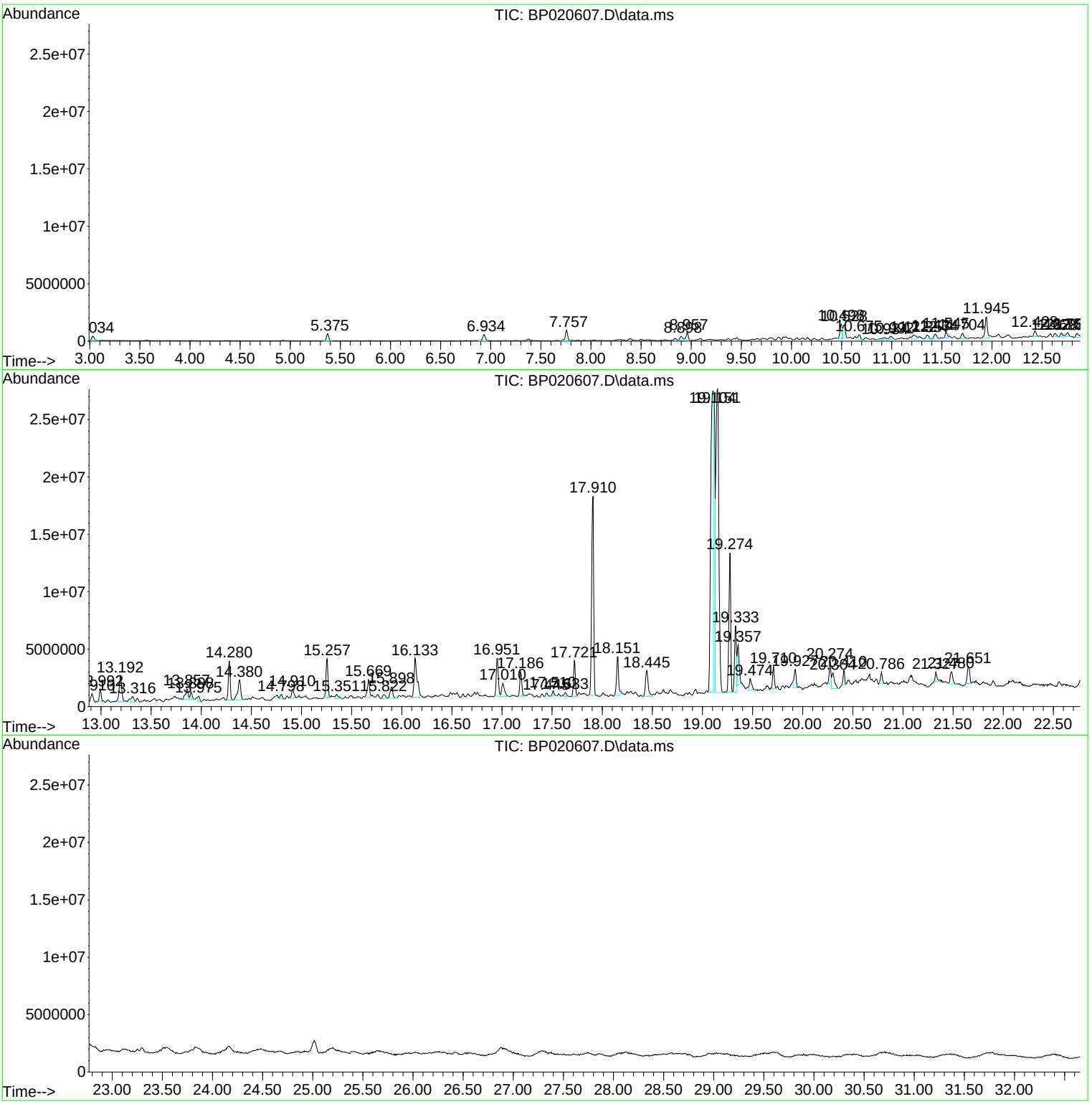
Sum of corrected areas: 261927400

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061224\
Data File : BP020607.D
Acq On : 12 Jun 2024 19:40
Operator : MA/JU
Sample : P2846-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HR-03-061124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.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_P\Data\BP061224\
Data File : BP020607.D
Acq On : 12 Jun 2024 19:40
Operator : MA/JU
Sample : P2846-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HR-03-061124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

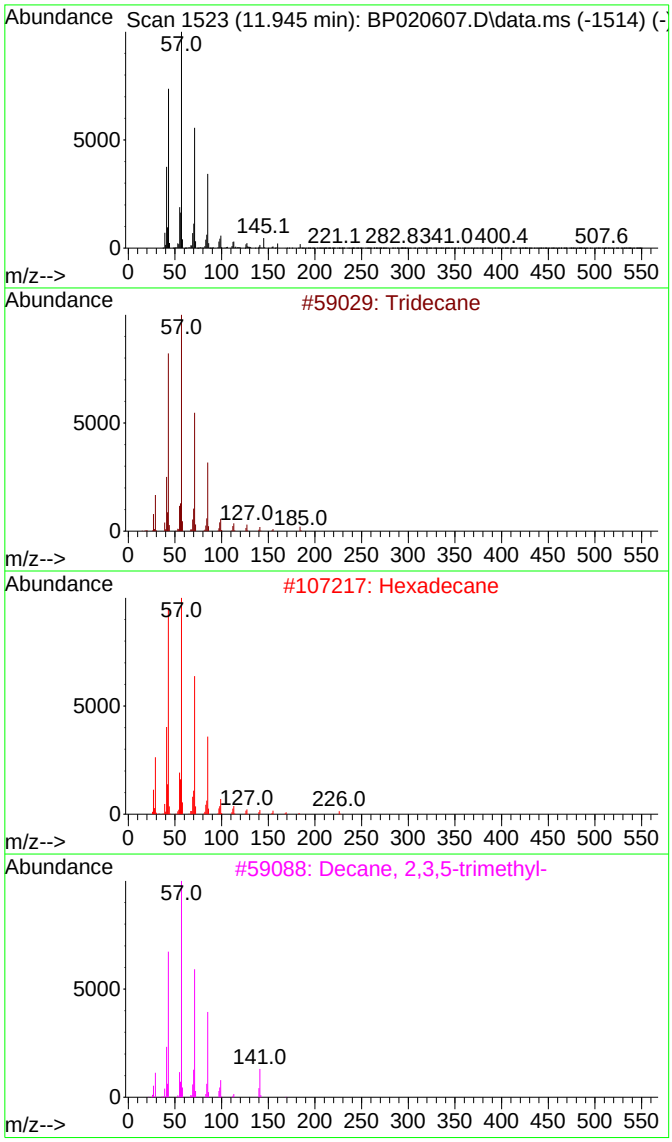
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

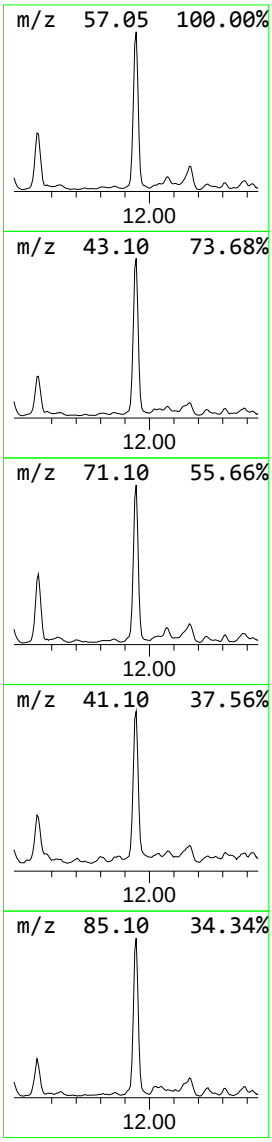
****

Peak Number 1 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	36.33 ng	3163540	Naphthalene-d8	10.528

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	97
2	Hexadecane	226	C16H34	000544-76-3	87
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
4	Pentadecane	212	C15H32	000629-62-9	86
5	Tetradecane	198	C14H30	000629-59-4	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061224\
Data File : BP020607.D
Acq On : 12 Jun 2024 19:40
Operator : MA/JU
Sample : P2846-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HR-03-061124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.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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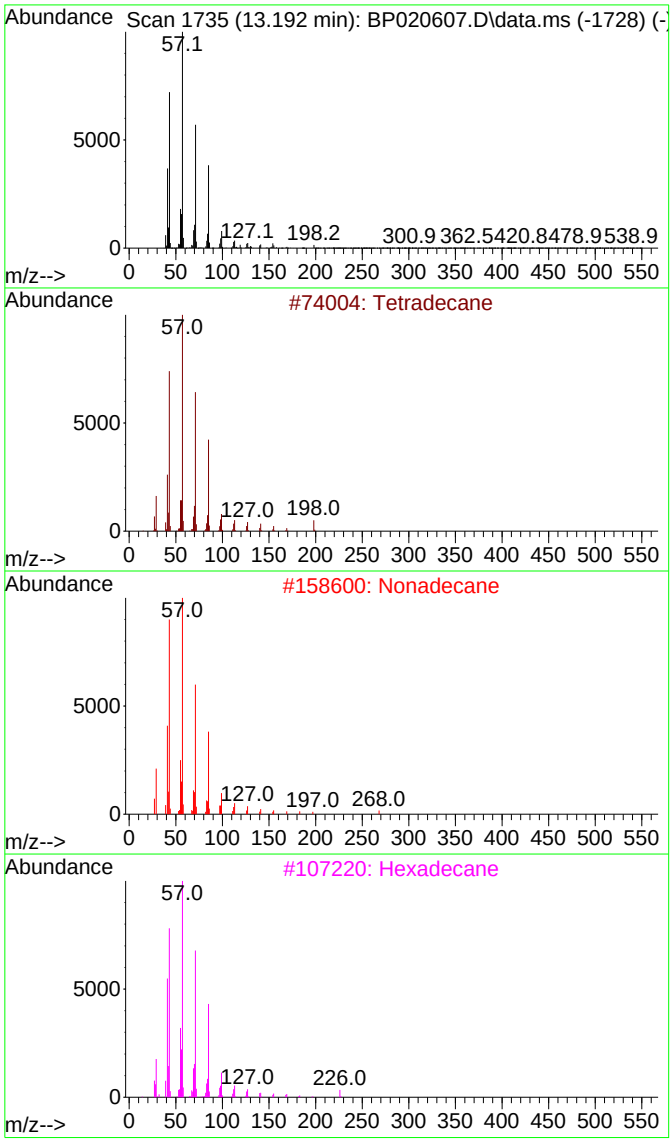
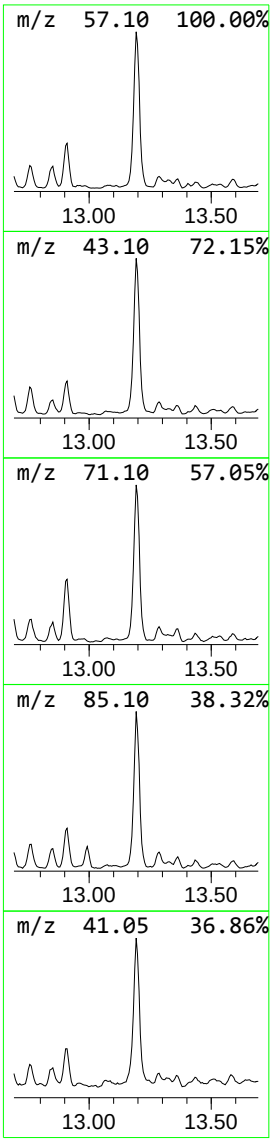
Peak Number 2 Tetradecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.192	21.85 ng	3821230	Acenaphthene-d10	14.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	96
2	Nonadecane	268	C19H40	000629-92-5	90
3	Hexadecane	226	C16H34	000544-76-3	87
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061224\
Data File : BP020607.D
Acq On : 12 Jun 2024 19:40
Operator : MA/JU
Sample : P2846-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HR-03-061124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.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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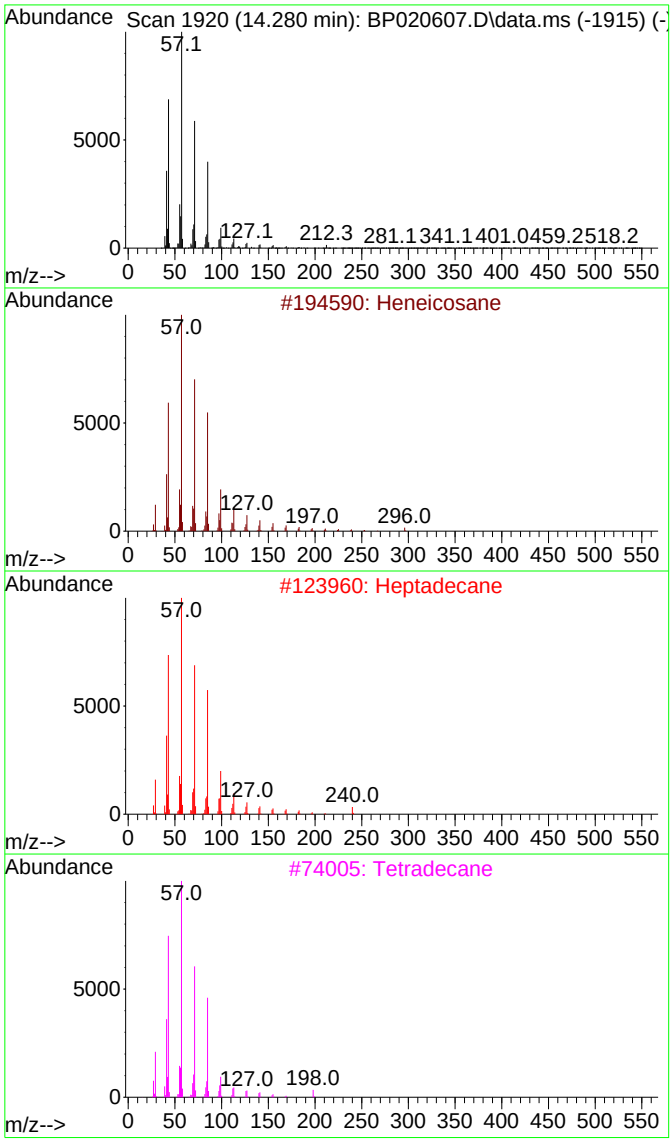
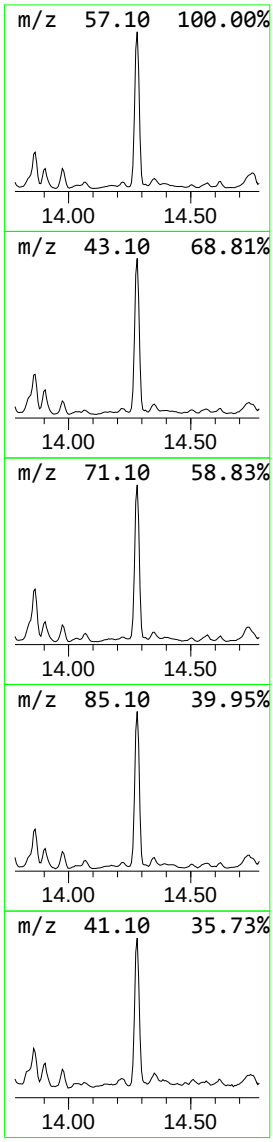
Peak Number 3 Heneicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.280	25.75 ng	4502950	Acenaphthene-d10	14.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	83
2	Heptadecane	240	C17H36	000629-78-7	83
3	Tetradecane	198	C14H30	000629-59-4	80
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5	Hexadecane	226	C16H34	000544-76-3	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061224\
Data File : BP020607.D
Acq On : 12 Jun 2024 19:40
Operator : MA/JU
Sample : P2846-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HR-03-061124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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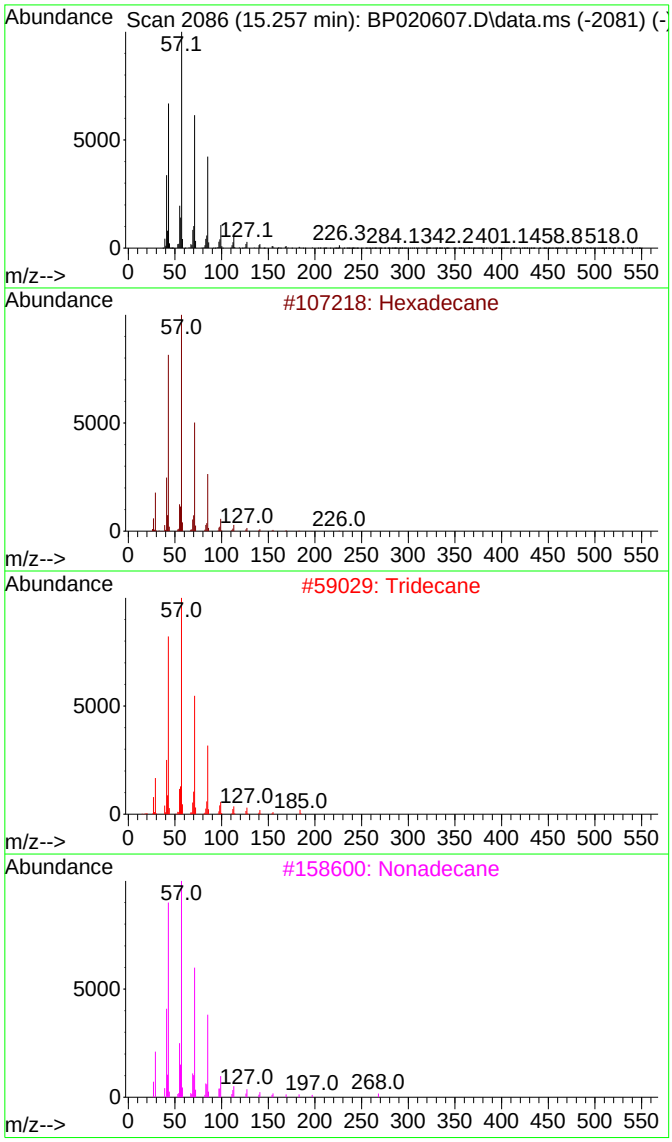
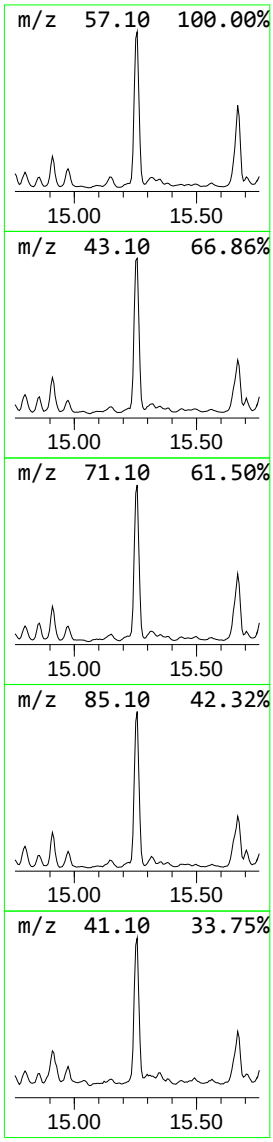
Peak Number 4 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.257	26.08 ng	4560190	Acenaphthene-d10	14.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Tridecane	184	C13H28	000629-50-5	90
3	Nonadecane	268	C19H40	000629-92-5	83
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	80
5	Pentadecane	212	C15H32	000629-62-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061224\
Data File : BP020607.D
Acq On : 12 Jun 2024 19:40
Operator : MA/JU
Sample : P2846-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HR-03-061124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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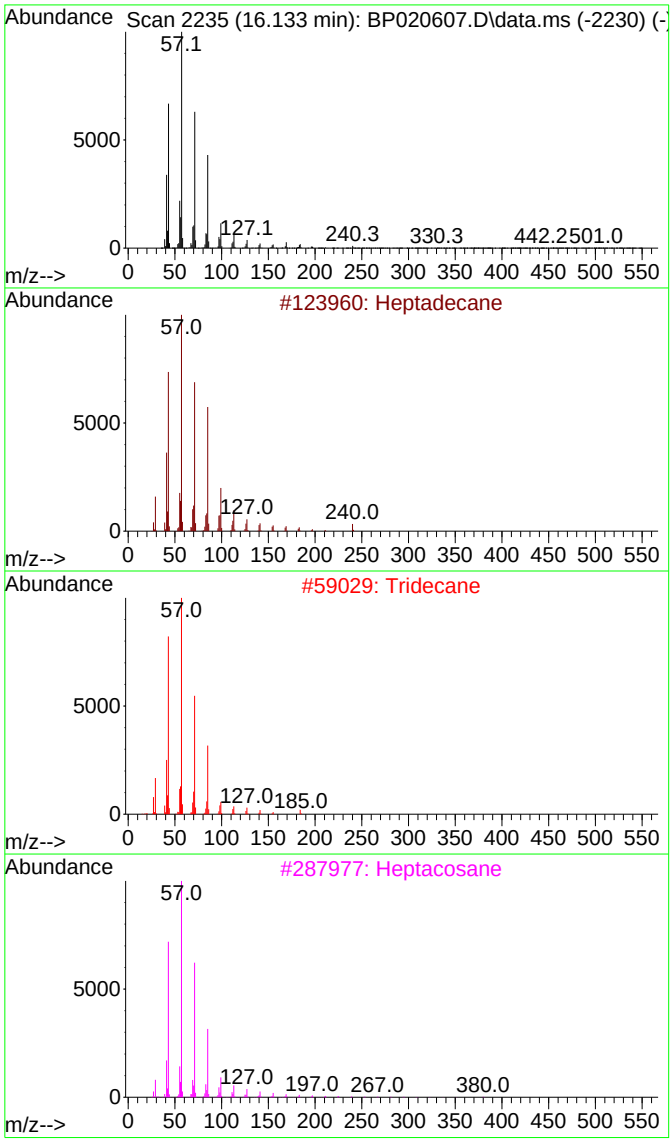
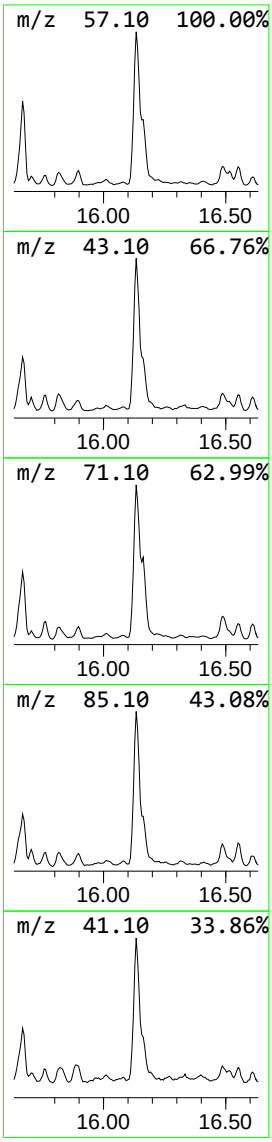
Peak Number 5 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.133	49.62 ng	7088730	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Tridecane	184	C13H28	000629-50-5	93
3	Heptacosane	380	C27H56	000593-49-7	91
4	Nonadecane	268	C19H40	000629-92-5	91
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061224\
Data File : BP020607.D
Acq On : 12 Jun 2024 19:40
Operator : MA/JU
Sample : P2846-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HR-03-061124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.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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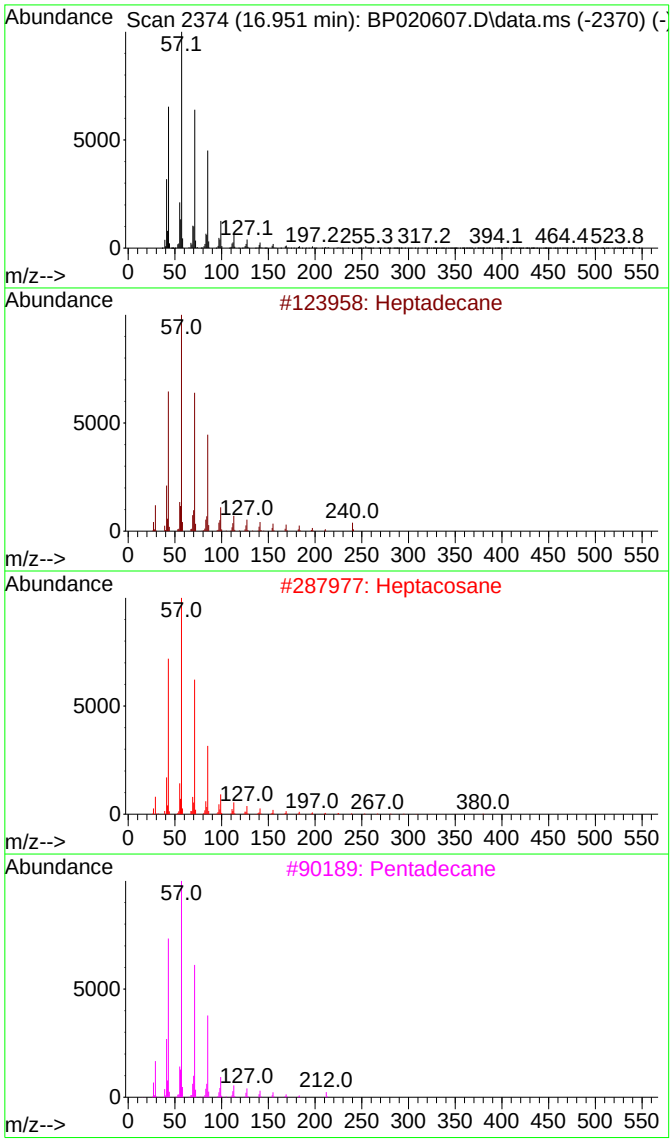
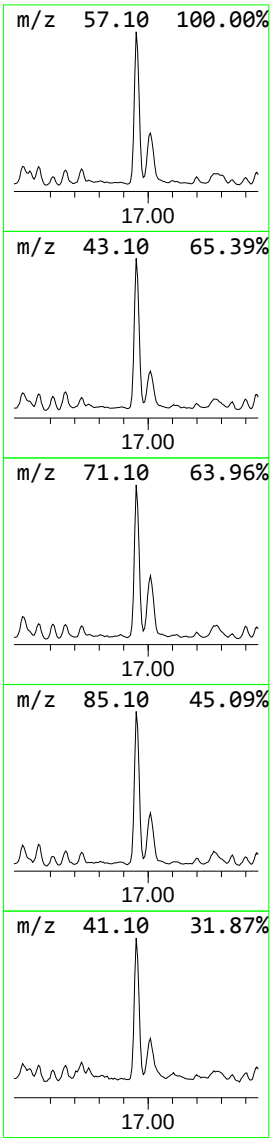
Peak Number 6 Heptacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.951	31.58 ng	4511690	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Pentadecane	212	C15H32	000629-62-9	91
4	Nonadecane	268	C19H40	000629-92-5	90
5	Hexadecane	226	C16H34	000544-76-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061224\
Data File : BP020607.D
Acq On : 12 Jun 2024 19:40
Operator : MA/JU
Sample : P2846-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HR-03-061124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.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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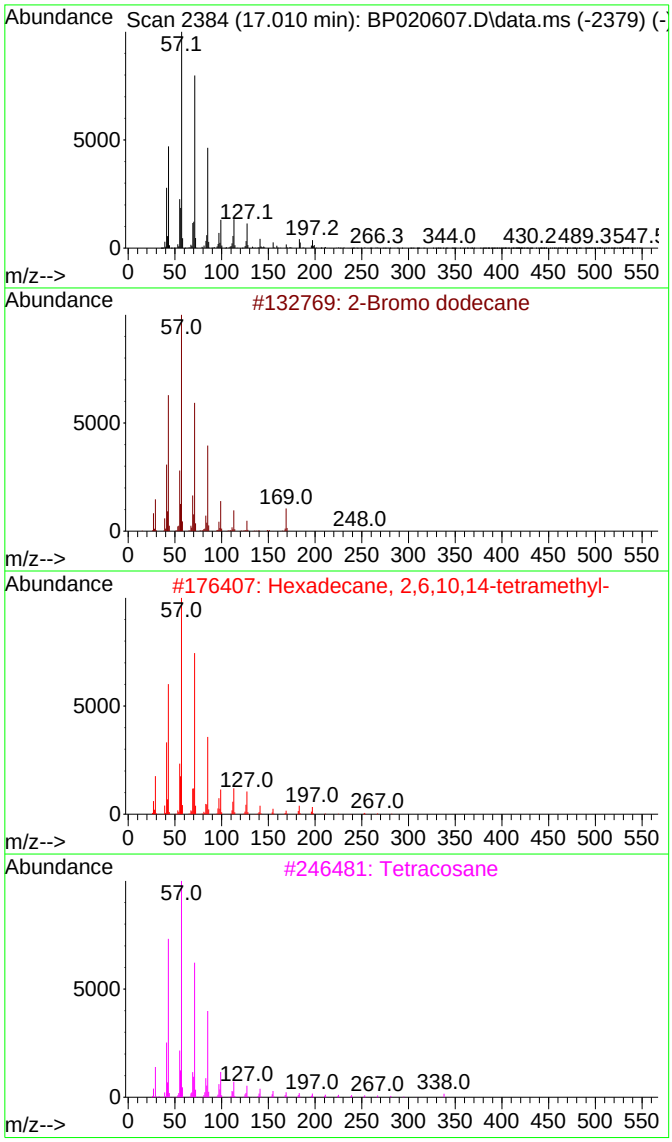
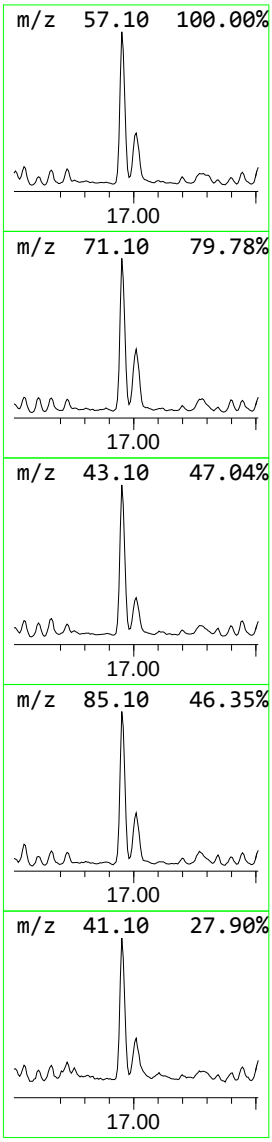
Peak Number 7 2-Bromo dodecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.010	16.27 ng	2324640	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
3	Tetracosane	338	C24H50	000646-31-1	90
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90
5	Hexadecane	226	C16H34	000544-76-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061224\
Data File : BP020607.D
Acq On : 12 Jun 2024 19:40
Operator : MA/JU
Sample : P2846-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HR-03-061124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

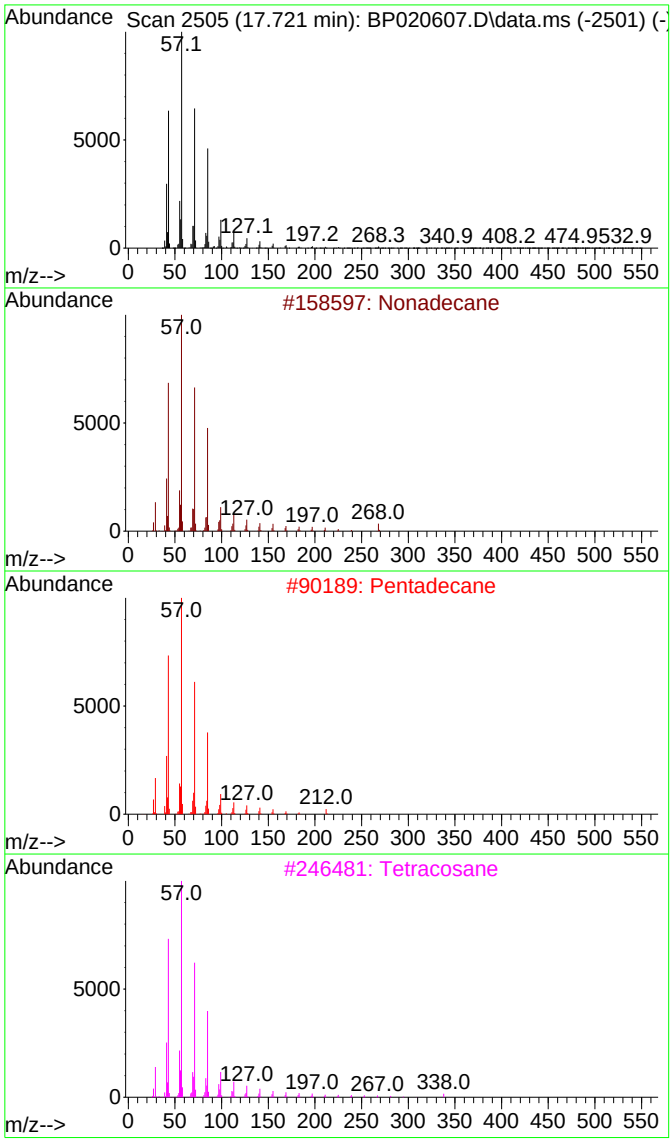
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

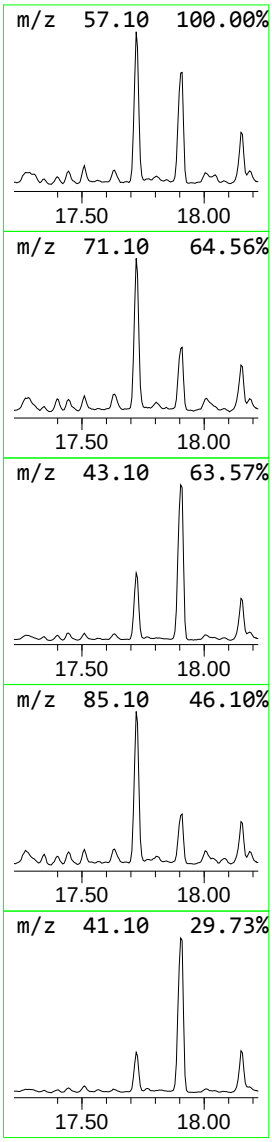
****

Peak Number 8 Nonadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.721	28.46 ng	4065450	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Pentadecane	212	C15H32	000629-62-9	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Octadecane	254	C18H38	000593-45-3	91
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	90





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Acq On : 12 Jun 2024 19:40
Operator : MA/JU
Sample : P2846-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-03-061124

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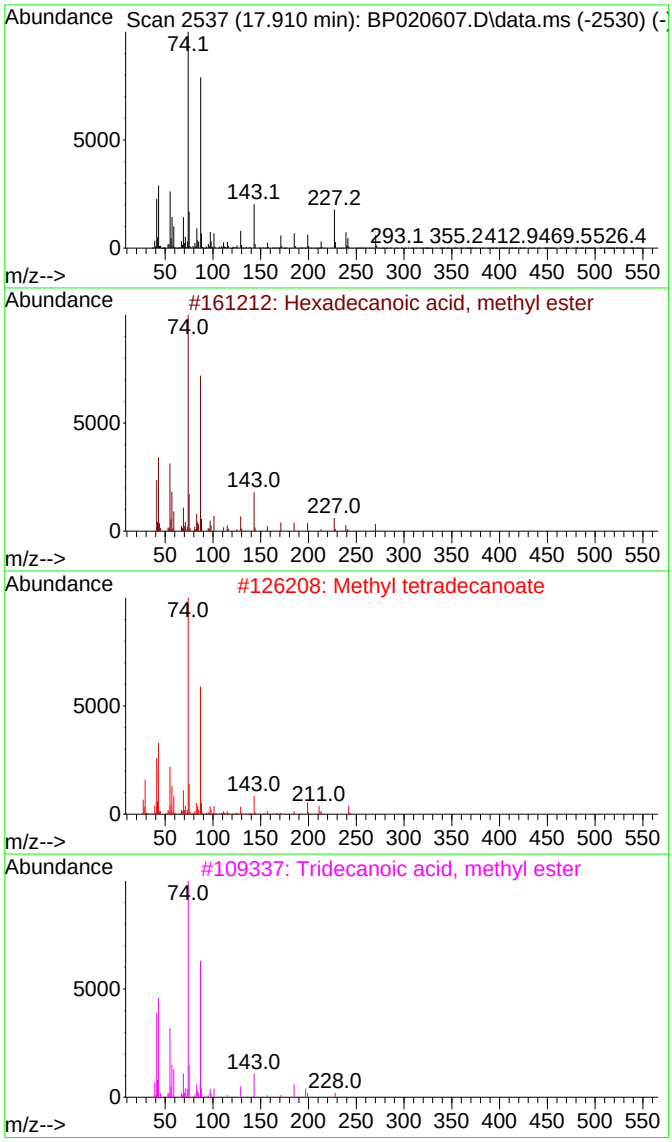
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

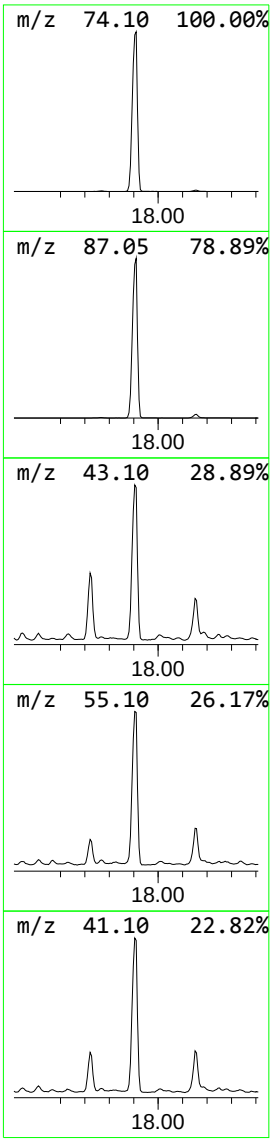
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.910	172.77 ng	24680400	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	89
4	Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	83
5	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	74





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Sample : P2846-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.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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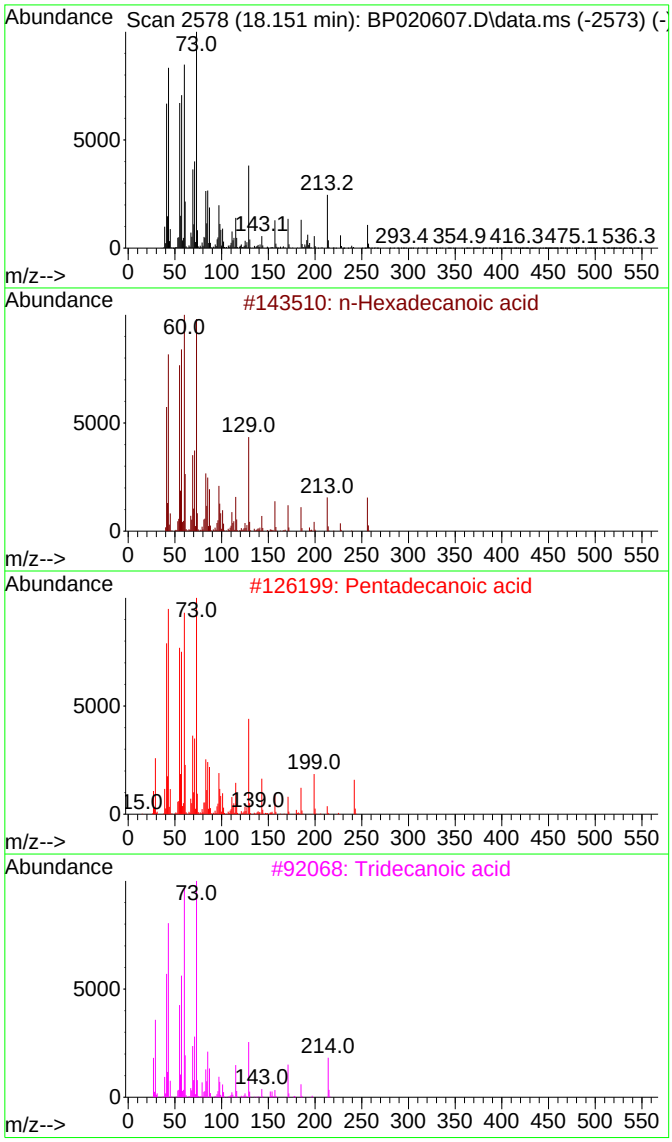
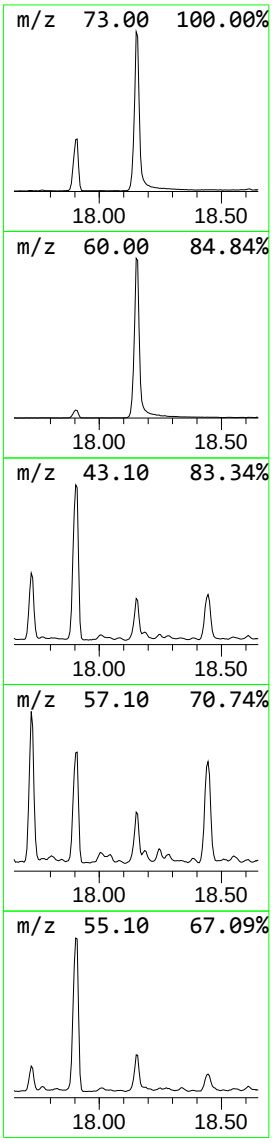
Peak Number 10 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.151	33.50 ng	4786190	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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ALS Vial : 12 Sample Multiplier: 1

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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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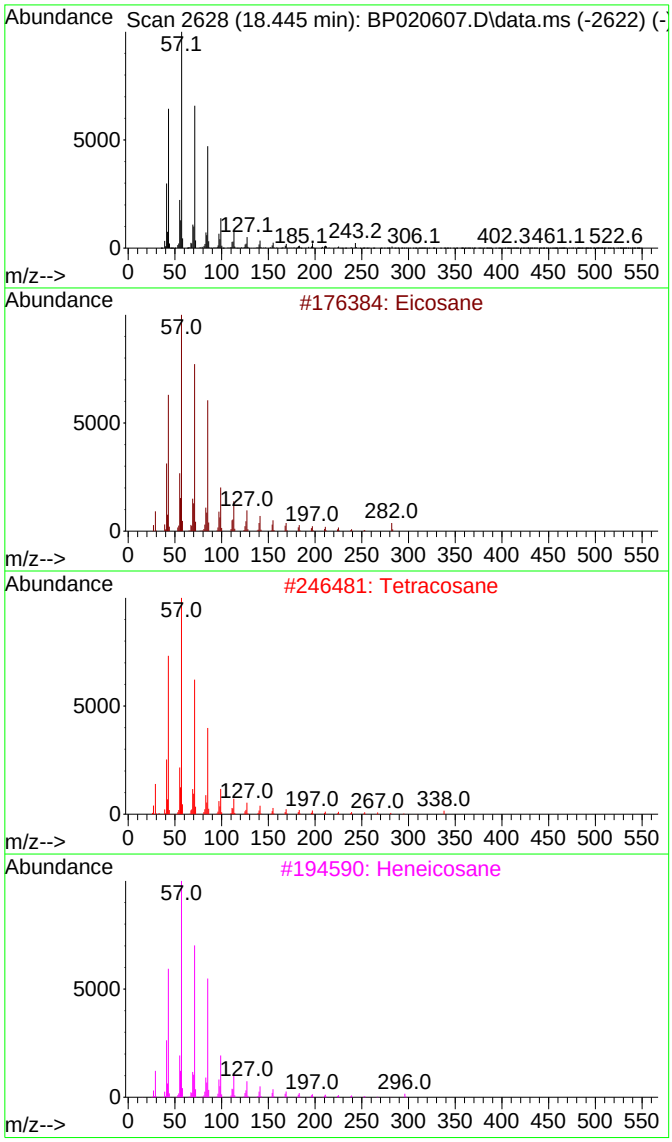
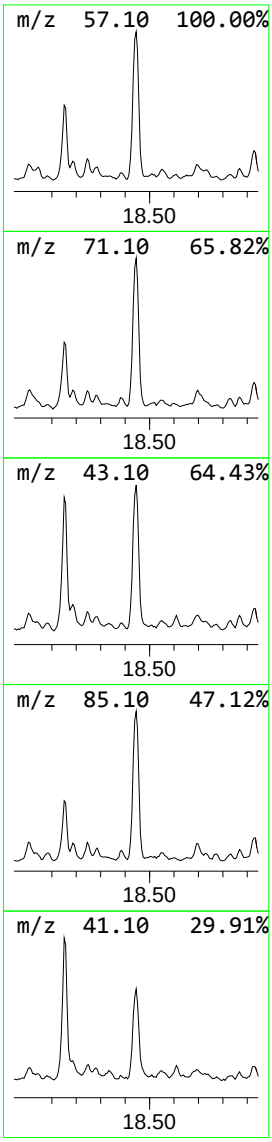
Peak Number 11 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.445	29.75 ng	4250020	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octadecane	254	C18H38	000593-45-3	91
5	Nonadecane	268	C19H40	000629-92-5	91





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Misc :
ALS Vial : 12 Sample Multiplier: 1

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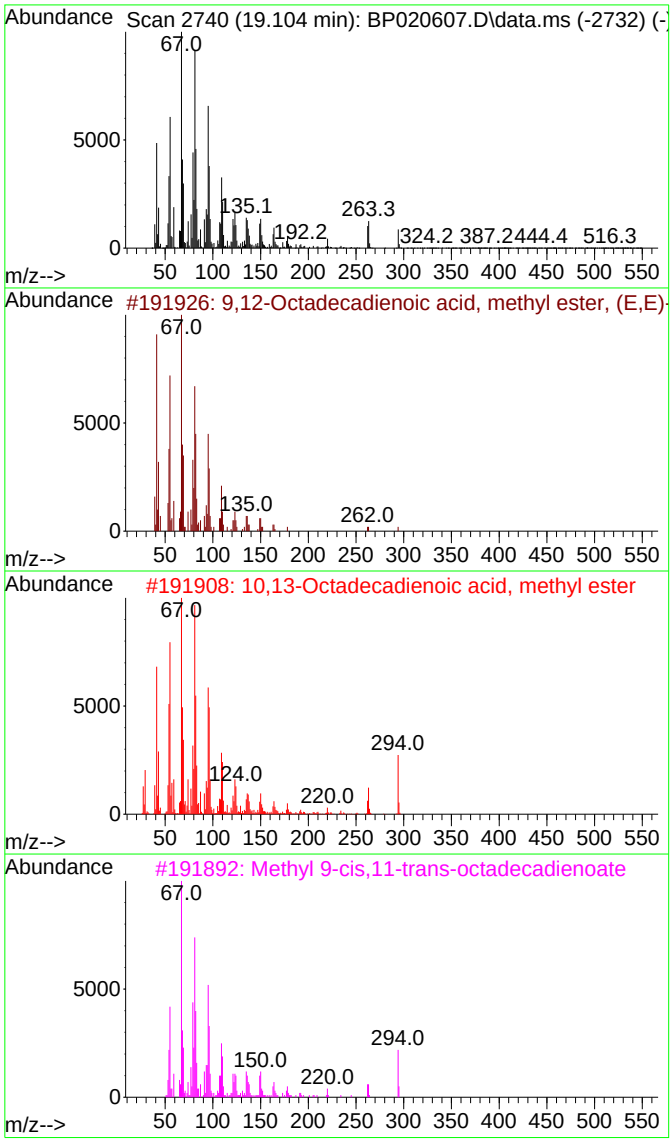
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

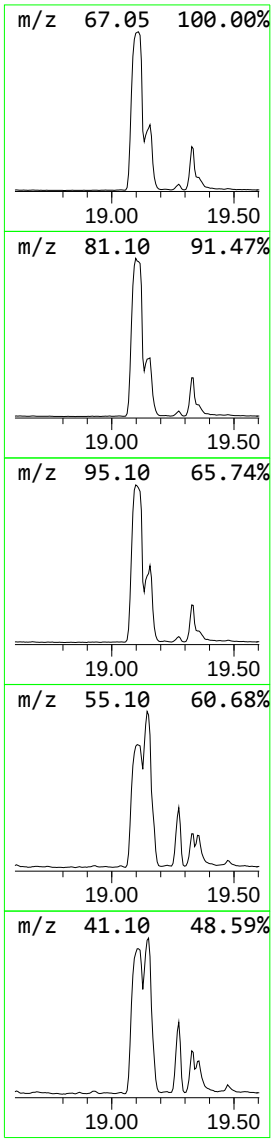
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.104	366.45 ng	52349400	Phenanthrene-d10	17.186

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





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Sample : P2846-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

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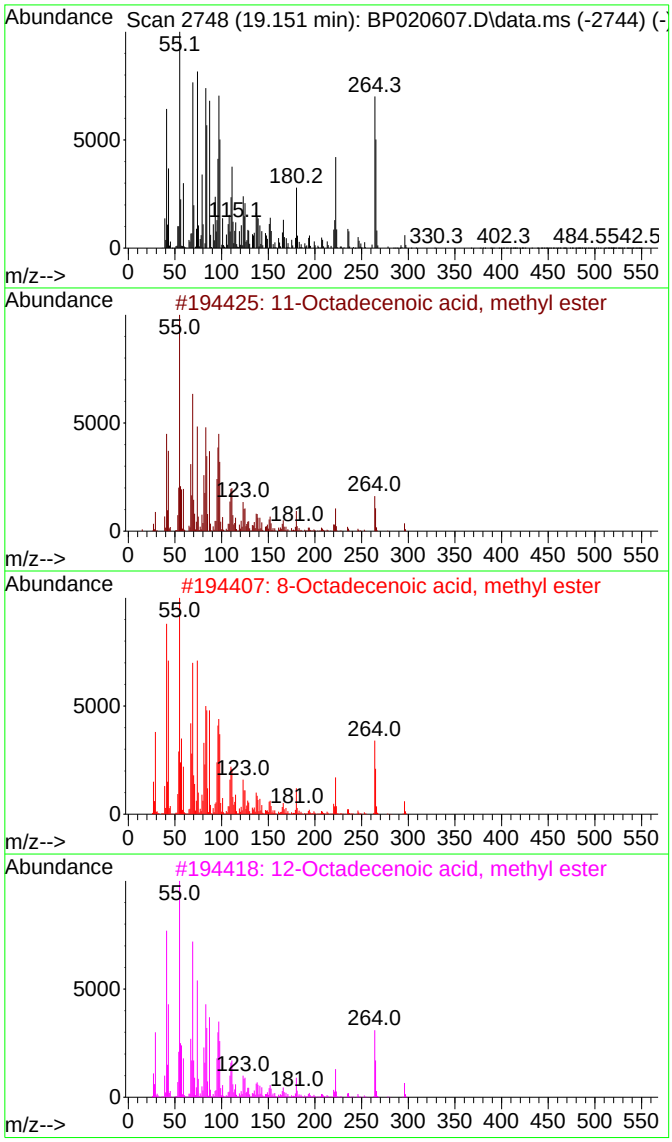
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

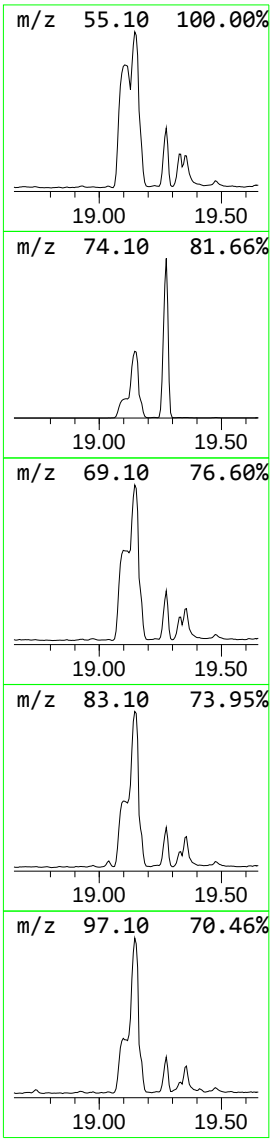
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 11-Octadecenoic acid, methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.151	377.49 ng	53926500	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	94
2	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	93
3	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	91
4	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1010333-58-3	90
5	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	90





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Sample : P2846-01 5X
Misc :
ALS Vial : 12 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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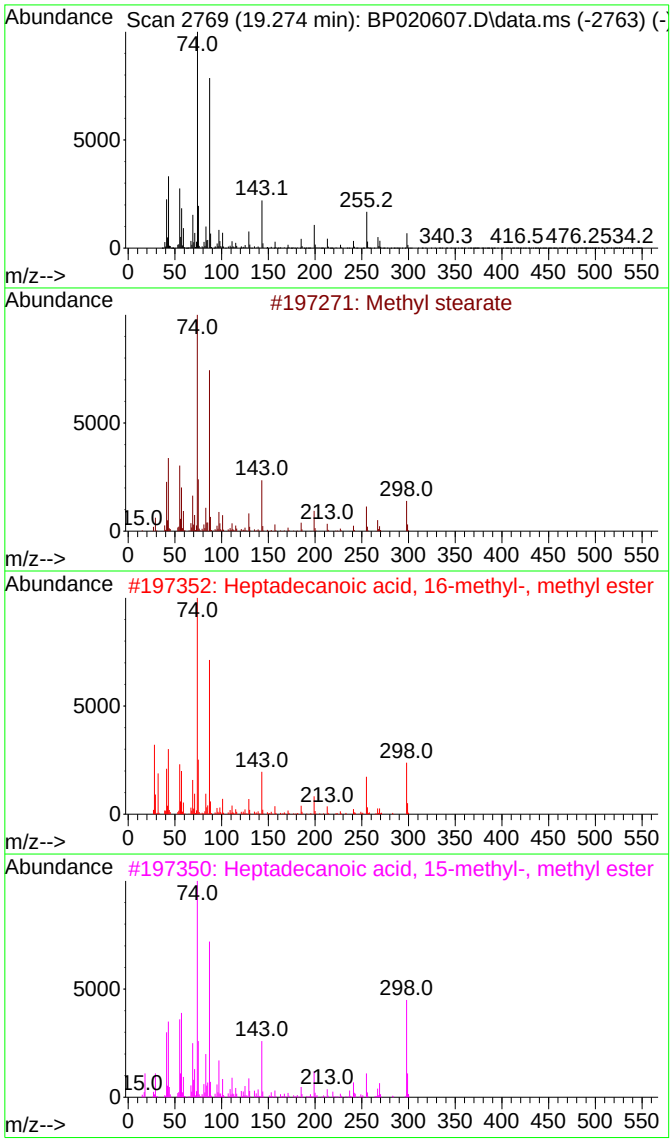
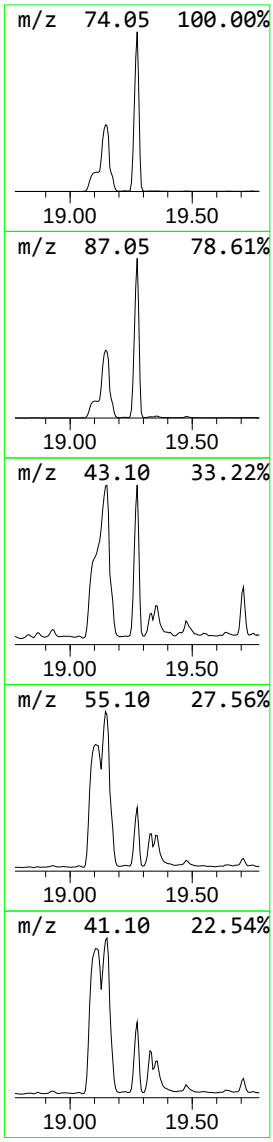
Peak Number 14 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.274	107.63 ng	15374900	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	99
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	92
3	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	90
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87





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Sample : P2846-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

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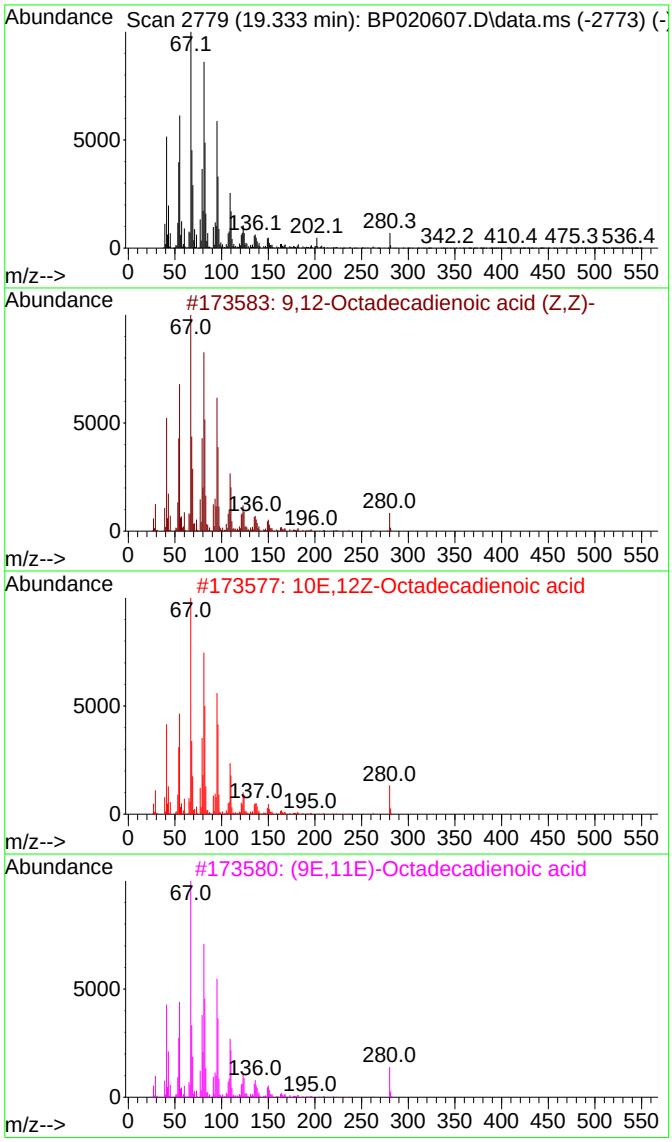
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

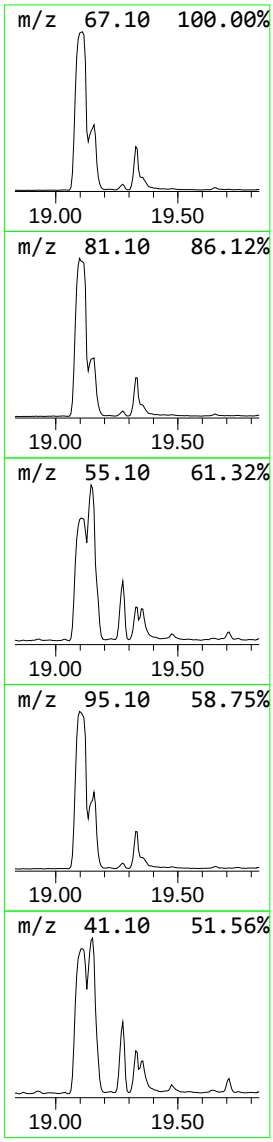
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 9,12-Octadecadienoic acid (... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.333	58.61 ng	8373210	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99
2	10E,12Z-Octadecadienoic acid	280	C18H32O2	002420-56-6	99
3	(9E,11E)-Octadecadienoic acid	280	C18H32O2	000544-71-8	99
4	Linoelaidic acid	280	C18H32O2	000506-21-8	97
5	Bicyclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	87





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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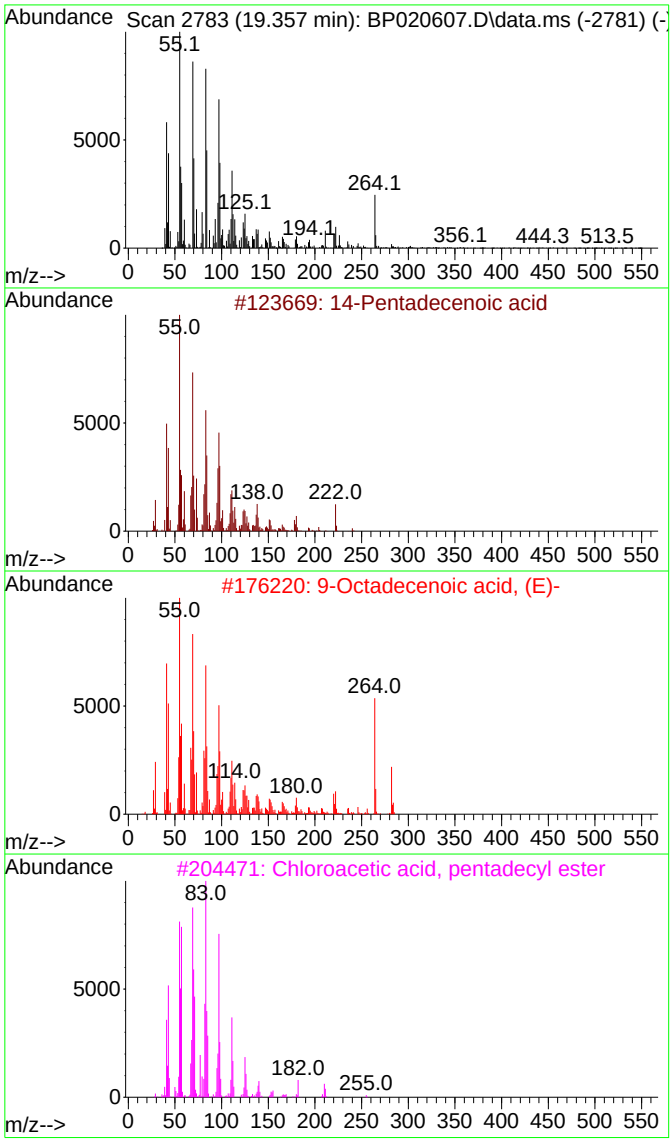
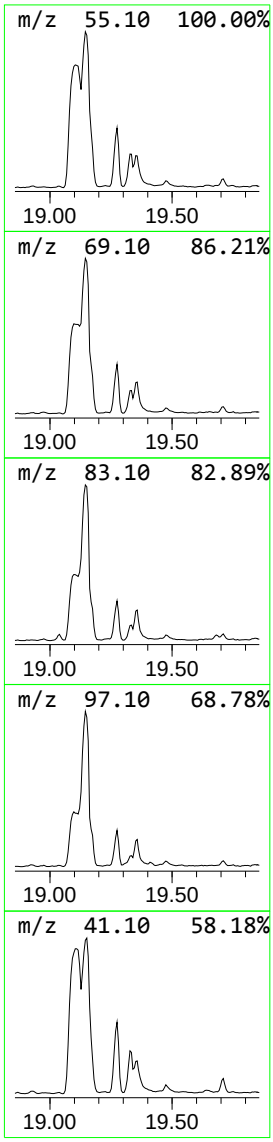
Peak Number 16 14-Pentadecenoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.357	28.88 ng	4125700	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	14-Pentadecenoic acid	240	C15H28O2	017351-34-7	72
2	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	72
3	Chloroacetic acid, pentadecyl ester	304	C17H33ClO2	070301-47-2	64
4	n-Pentadecanol	228	C15H32O	000629-76-5	64
5	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	55





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Sample : P2846-01 5X
Misc :
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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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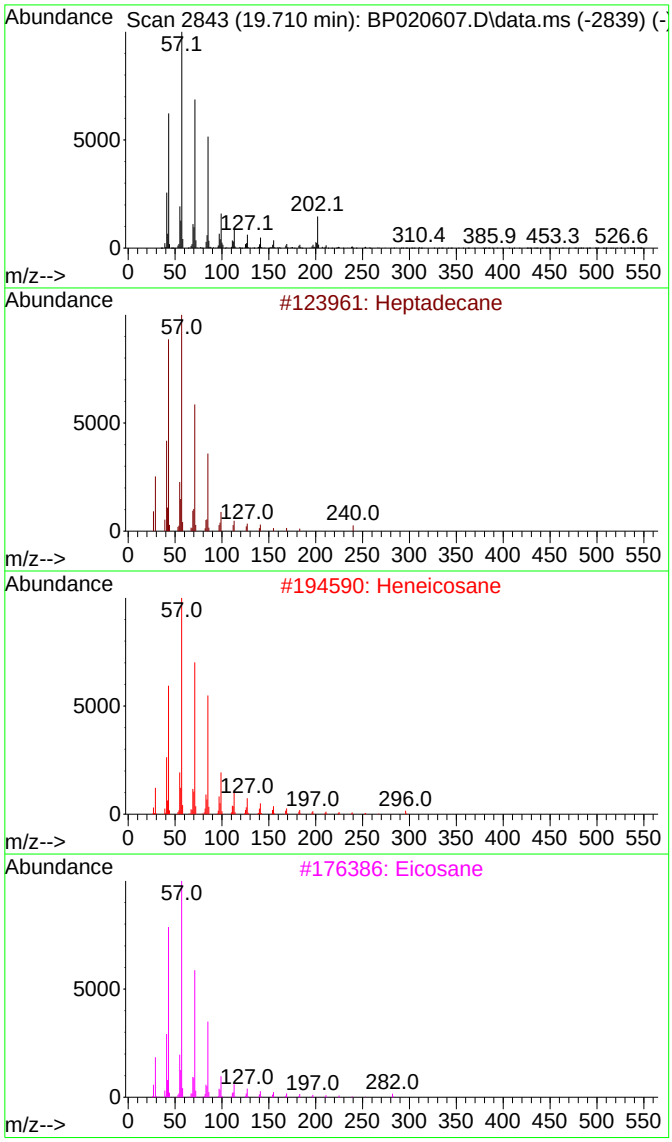
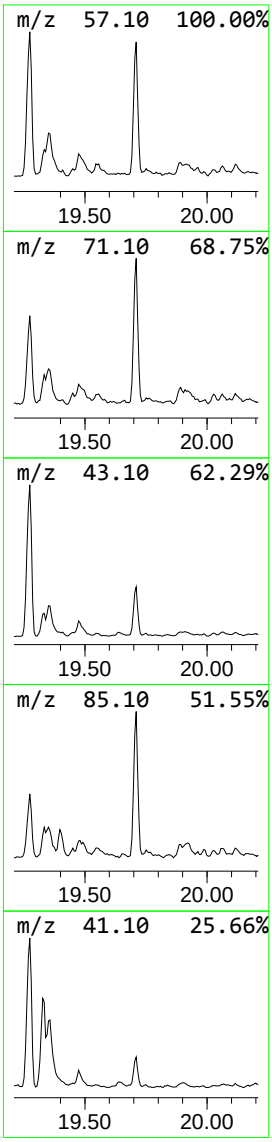
Peak Number 17 Docosane, 1-iodo- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.710	17.68 ng	2151040	Chrysene-d12	21.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Heneicosane	296	C21H44	000629-94-7	90
3	Eicosane	282	C20H42	000112-95-8	87
4	Nonadecane	268	C19H40	000629-92-5	87
5	Docosane, 1-iodo-	436	C22H45I	1000406-31-9	87





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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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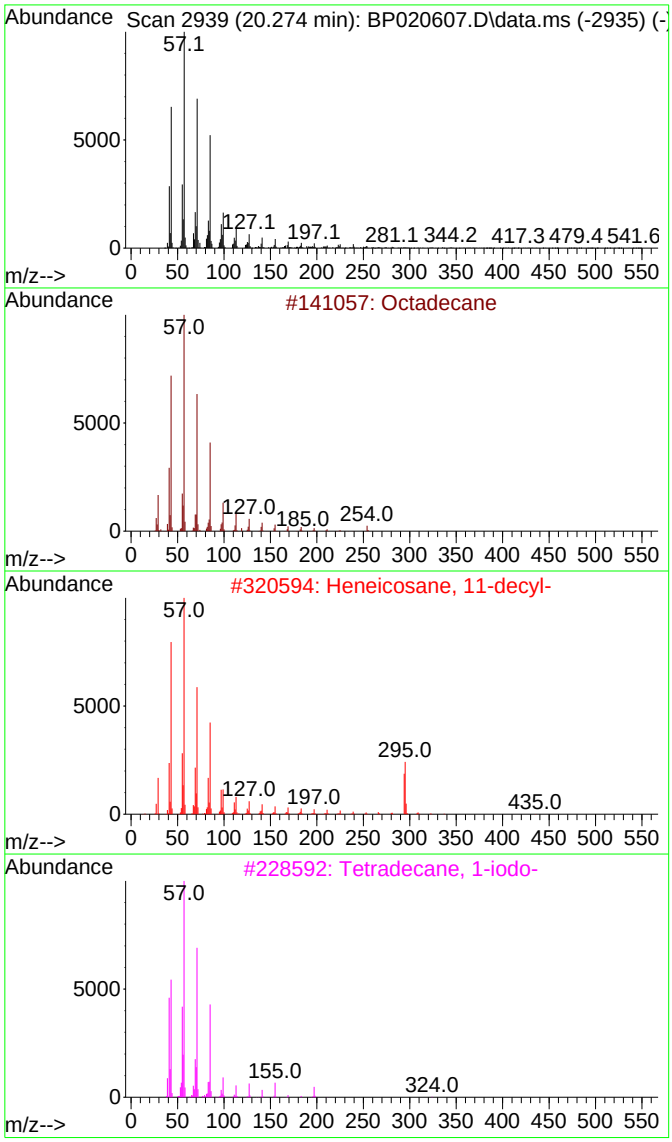
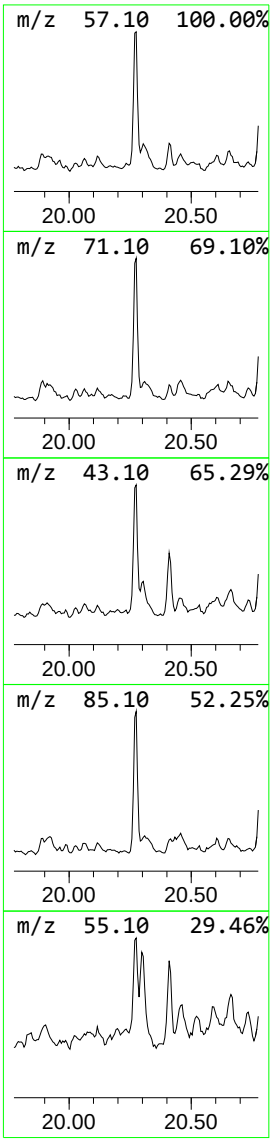
Peak Number 18 Octadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.274	18.21 ng	2215420	Chrysene-d12	21.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	95
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	93
4	Heneicosane	296	C21H44	000629-94-7	91
5	Hexacosane	366	C26H54	000630-01-3	91





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ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :
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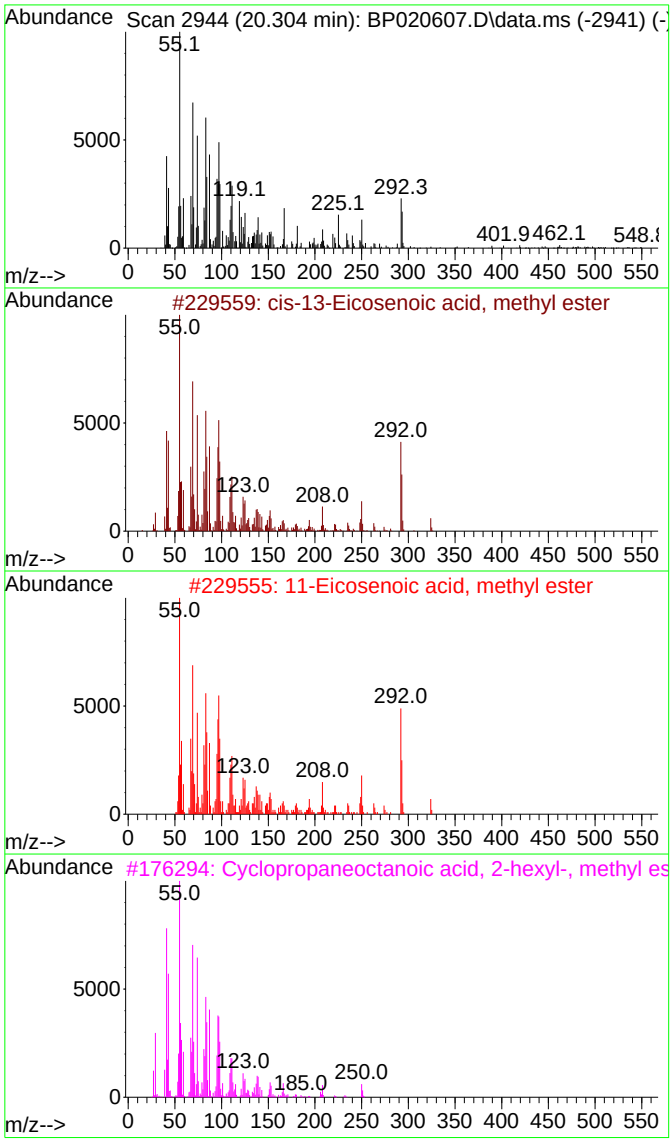
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

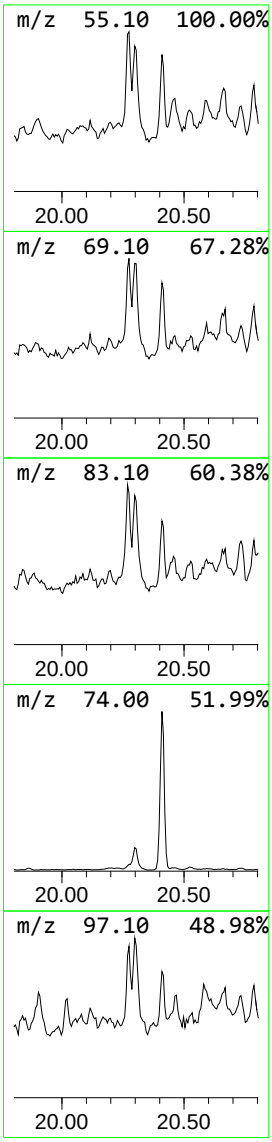
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 cis-13-Eicosenoic acid, met... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.304	20.14 ng	2449810	Chrysene-d12	21.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-13-Eicosenoic acid, methyl e...	324	C21H40O2	069120-02-1	76
2	11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	64
3	Cyclopropaneoctanoic acid, 2-hex...	282	C18H34O2	010152-61-1	55
4	(S)-3-Methyloxacyclotetradecan-2...	226	C14H26O2	1212342-55-6	49
5	n-Propyl 11-eicosenoate	352	C23H44O2	1010336-75-3	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061224\
Data File : BP020607.D
Acq On : 12 Jun 2024 19:40
Operator : MA/JU
Sample : P2846-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HR-03-061124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

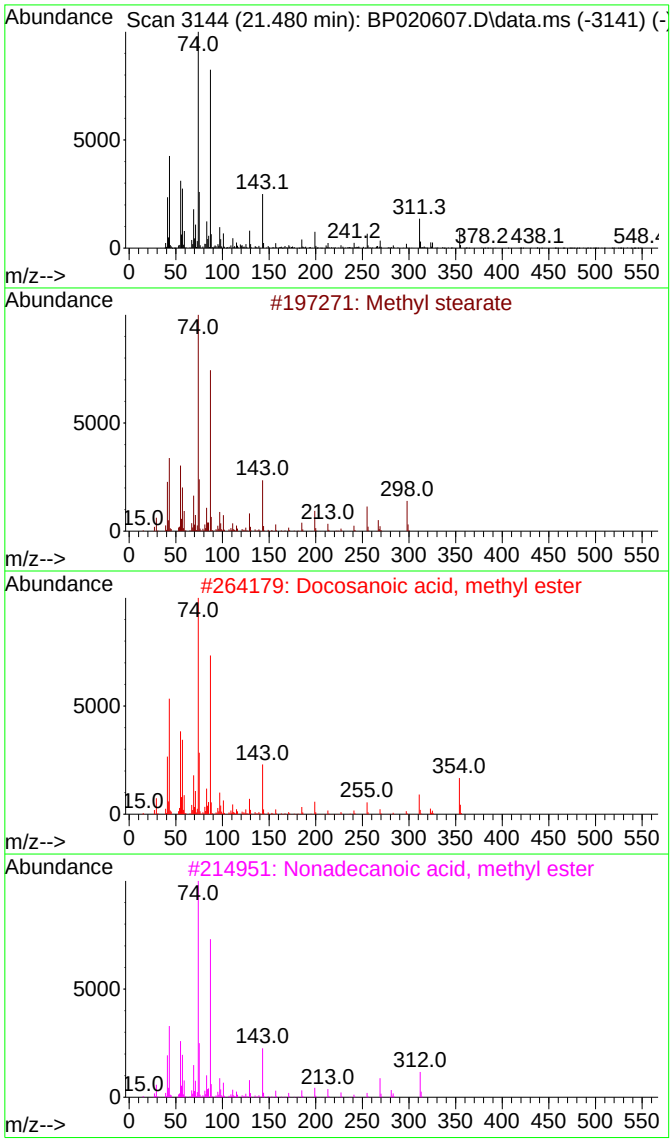
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

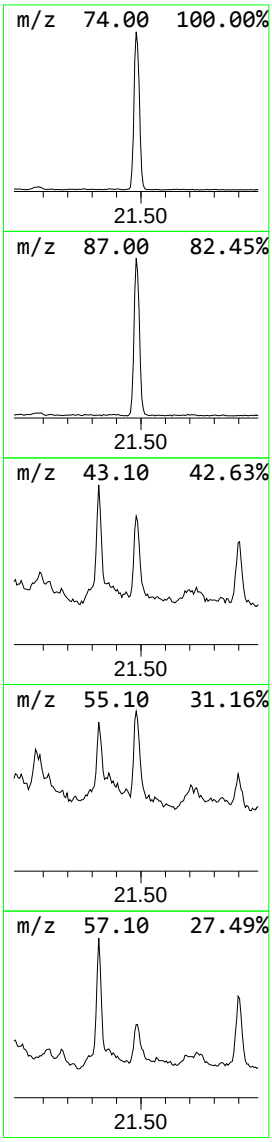
****

Peak Number 20 Docosanoic acid, methyl ester Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.480	15.33 ng	1865150	Chrysene-d12	21.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	97
2	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	96
3	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	93
4	Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	91
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061224\
Data File : BP020607.D
Acq On : 12 Jun 2024 19:40
Operator : MA/JU
Sample : P2846-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HR-03-061124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.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
Tridecane	11.945	36.3	ng	3163540	2	10.528	1741760	20.0
Tetradecane	13.192	21.9	ng	3821230	3	14.380	3497670	20.0
Heneicosane	14.280	25.8	ng	4502950	3	14.380	3497670	20.0
Hexadecane	15.257	26.1	ng	4560190	3	14.380	3497670	20.0
Heptadecane	16.133	49.6	ng	7088730	4	17.186	2857080	20.0
Heptacosane	16.951	31.6	ng	4511690	4	17.186	2857080	20.0
2-Bromo dodecane	17.010	16.3	ng	2324640	4	17.186	2857080	20.0
Nonadecane	17.721	28.5	ng	4065450	4	17.186	2857080	20.0
Hexadecanoic ac...	17.910	172.8	ng	24680400	4	17.186	2857080	20.0
n-Hexadecanoic ...	18.151	33.5	ng	4786190	4	17.186	2857080	20.0
Eicosane	18.445	29.8	ng	4250020	4	17.186	2857080	20.0
9,12-Octadecadi...	19.104	366.4	ng	52349400	4	17.186	2857080	20.0
11-Octadecenoic...	19.151	377.5	ng	53926500	4	17.186	2857080	20.0
Methyl stearate	19.274	107.6	ng	15374900	4	17.186	2857080	20.0
9,12-Octadecadi...	19.333	58.6	ng	8373210	4	17.186	2857080	20.0
14-Pentadecenoi...	19.357	28.9	ng	4125700	4	17.186	2857080	20.0
Docosane, 1-iodo-	19.710	17.7	ng	2151040	5	21.651	2433280	20.0
Octadecane	20.274	18.2	ng	2215420	5	21.651	2433280	20.0
cis-13-Eicoseno...	20.304	20.1	ng	2449810	5	21.651	2433280	20.0
Docosanoic acid...	21.480	15.3	ng	1865150	5	21.651	2433280	20.0