LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049907.D
Acq On : 11 Apr 2025 18:53
Operator : RC/JU
Sample : Q1771-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-6C

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM049907.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.899	318	325	330	rBV	125058	185783	4.15%	0.422%
2	5.363	398	404	417	rVB	809090	1199853	26.83%	2.726%
3	6.951	664	674	690	rBV	705104	1231014	27.53%	2.796%
4	7.410	746	752	761	rBV4	55678	138898	3.11%	0.316%
5	7.775	806	814	821	rBV	1177458	1827867	40.88%	4.152%
6	8.328	901	908	913	rVB3	28416	59020	1.32%	0.134%
7	8.416	919	923	932	rBV4	29759	74218	1.66%	0.169%
8	8.881	993	1002	1005	rBV3	48083	100614	2.25%	0.229%
9	8.928	1005	1010	1018	rVV	449799	777942	17.40%	1.767%
10	9.010	1019	1024	1028	rVB	138038	208554	4.66%	0.474%
11	9.104	1034	1040	1042	rBV6	24442	50587	1.13%	0.115%
12	9.134	1042	1045	1052	rVB4	33256	63195	1.41%	0.144%
13	9.492	1104	1106	1111	rVB3	37556	48516	1.08%	0.110%
14	9.757	1147	1151	1159	rBV7	29457	67426	1.51%	0.153%
15	9.928	1174	1180	1183	rBV4	44245	70605	1.58%	0.160%
16	9.975	1183	1188	1190	rBV3	33446	52693	1.18%	0.120%
17	10.110	1206	1211	1215	rBV4	33863	53503	1.20%	0.122%
18	10.204	1223	1227	1233	rVB2	40101	66465	1.49%	0.151%
19	10.569	1279	1289	1295	rBV	1375091	2574575	57.57%	5.849%
20	10.739	1314	1318	1323	rVB	70663	98225	2.20%	0.223%
21	11.233	1397	1402	1405	rBV5	22529	46105	1.03%	0.105%
22	11.275	1405	1409	1417	rVV7	40026	83940	1.88%	0.191%
23	11.339	1417	1420	1427	rVB5	31632	54183	1.21%	0.123%
24	11.416	1427	1433	1439	rBV5	50881	92914	2.08%	0.211%
25	11.492	1439	1446	1453	rBV4	65010	135634	3.03%	0.308%
26	11.598	1459	1464	1474	rBV4	80901	183505	4.10%	0.417%
27	11.763	1486	1492	1500	rVB2	88812	158138	3.54%	0.359%
28	11.998	1527	1532	1542	rVB	249861	389405	8.71%	0.885%
29	12.122	1549	1553	1559	rVB5	43466	78854	1.76%	0.179%
30	12.227	1563	1571	1578	rVB7	57565	141295	3.16%	0.321%
31	12.451	1604	1609	1611	rBV6	24886	45482	1.02%	0.103%
32	12.486	1611	1615	1620	rVB2	85558	134274	3.00%	0.305%
33	12.633	1633	1640	1644	rBV6	40811	75658	1.69%	0.172%
34	12.680	1644	1648	1655	rVV5	33388	71507	1.60%	0.162%
35	12.745	1655	1659	1663	rVV6	44900	72667	1.63%	0.165%
36	12.816	1667	1671	1676	rVB3	34422	65260	1.46%	0.148%

LSC Area Percent Report

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Operator : RC/JU
Sample : Q1771-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-6C

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 >
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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.904	1683	1686	1692	rBV4	52157	86653	1.94%	0.197%
38	12.963	1692	1696	1701	rVV3	109349	154522	3.46%	0.351%
39	13.033	1702	1708	1719	rVV	1384129	2053868	45.93%	4.666%
40	13.251	1739	1745	1753	rVV	309776	456488	10.21%	1.037%
41	13.357	1757	1763	1769	rVV4	65918	138255	3.09%	0.314%
42	13.410	1769	1772	1777	rVB3	36829	53958	1.21%	0.123%
43	13.574	1796	1800	1809	rBV10	32363	80391	1.80%	0.183%
44	13.692	1817	1820	1824	rBV6	31717	54118	1.21%	0.123%
45	13.880	1848	1852	1854	rBV5	53280	69475	1.55%	0.158%
46	13.910	1854	1857	1860	rVV2	88509	119393	2.67%	0.271%
47	13.945	1860	1863	1868	rVB3	53459	72879	1.63%	0.166%
48	14.321	1922	1927	1932	rBV	378303	484097	10.83%	1.100%
49	14.416	1935	1943	1950	rBV	2158147	3106877	69.48%	7.058%
50	14.821	2009	2012	2019	rVB5	46715	72426	1.62%	0.165%
51	14.945	2029	2033	2041	rVB5	76236	135896	3.04%	0.309%
52	15.010	2041	2044	2047	rBV2	35051	48311	1.08%	0.110%
53	15.274	2085	2089	2094	rVB	366978	443914	9.93%	1.008%
54	15.680	2153	2158	2163	rVB2	117700	203097	4.54%	0.461%
55	15.774	2169	2174	2180	rVB	206239	286260	6.40%	0.650%
56	15.833	2181	2184	2190	rVB5	39040	65799	1.47%	0.149%
57	15.904	2190	2196	2204	rBV	1020744	1493618	33.40%	3.393%
58	16.133	2231	2235	2239	rBV	396480	570603	12.76%	1.296%
59	16.327	2264	2268	2275	rBV7	27683	48896	1.09%	0.111%
60	16.927	2366	2370	2375	rBV	349115	414390	9.27%	0.941%
61	16.980	2376	2379	2391	rVB	139177	222152	4.97%	0.505%
62	17.157	2404	2409	2414	rBV2	2367801	3348925	74.89%	7.608%
63	17.198	2414	2416	2420	rVB	90260	120114	2.69%	0.273%
64	17.662	2491	2495	2500	rBV	304582	377247	8.44%	0.857%
65	17.839	2520	2525	2533	rBV	609336	788545	17.63%	1.791%
66	18.068	2560	2564	2578	rBV4	314877	1002965	22.43%	2.278%
67	18.356	2609	2613	2617	rBV	285806	349679	7.82%	0.794%
68	18.980	2715	2719	2721	rBV2	1320675	1535922	34.35%	3.489%
69	19.009	2721	2724	2728	rVB2	1341462	1541433	34.47%	3.502%
70	19.145	2744	2747	2752	rVB	319547	349285	7.81%	0.793%
71	19.221	2754	2760	2775	rBV3	510581	2068976	46.27%	4.700%
72	19.574	2817	2820	2825	rBV2	275644	364428	8.15%	0.828%
73	19.780	2851	2855	2860	rBV	2135144	2568517	57.44%	5.835%
74	21.392	3125	3129	3135	rVB2	2367924	3417432	76.42%	7.763%
75	24.391	3633	3639	3656	rVB	1602293	4471761	100.00%	10.158%

LSC Area Percent Report

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Operator : RC/JU
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Misc :
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Instrument :
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ClientSampleId :
TP-6C

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

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

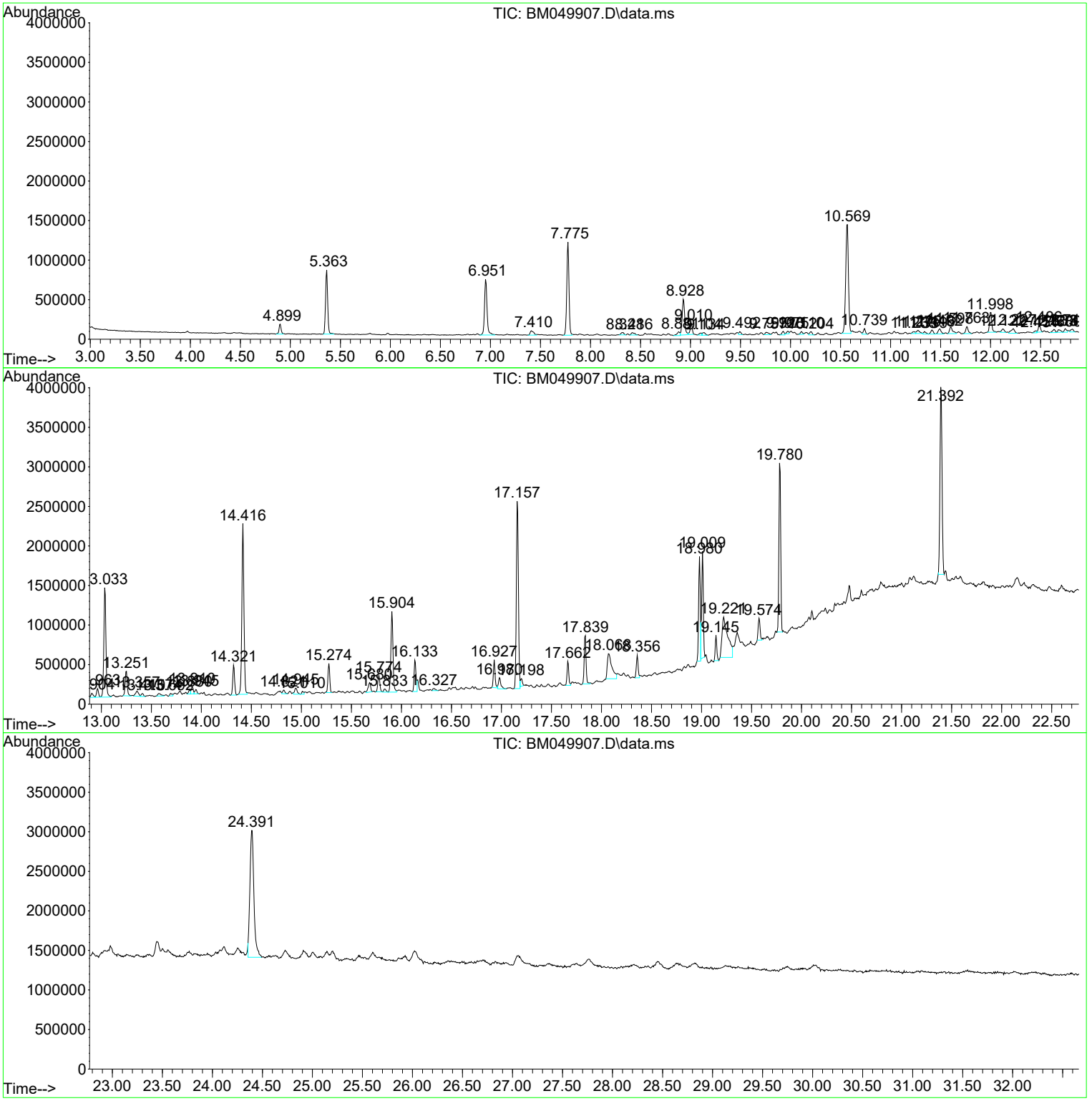
Sum of corrected areas: 44019939

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049907.D
Acq On : 11 Apr 2025 18:53
Operator : RC/JU
Sample : Q1771-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-6C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049907.D
Acq On : 11 Apr 2025 18:53
Operator : RC/JU
Sample : Q1771-01 5X
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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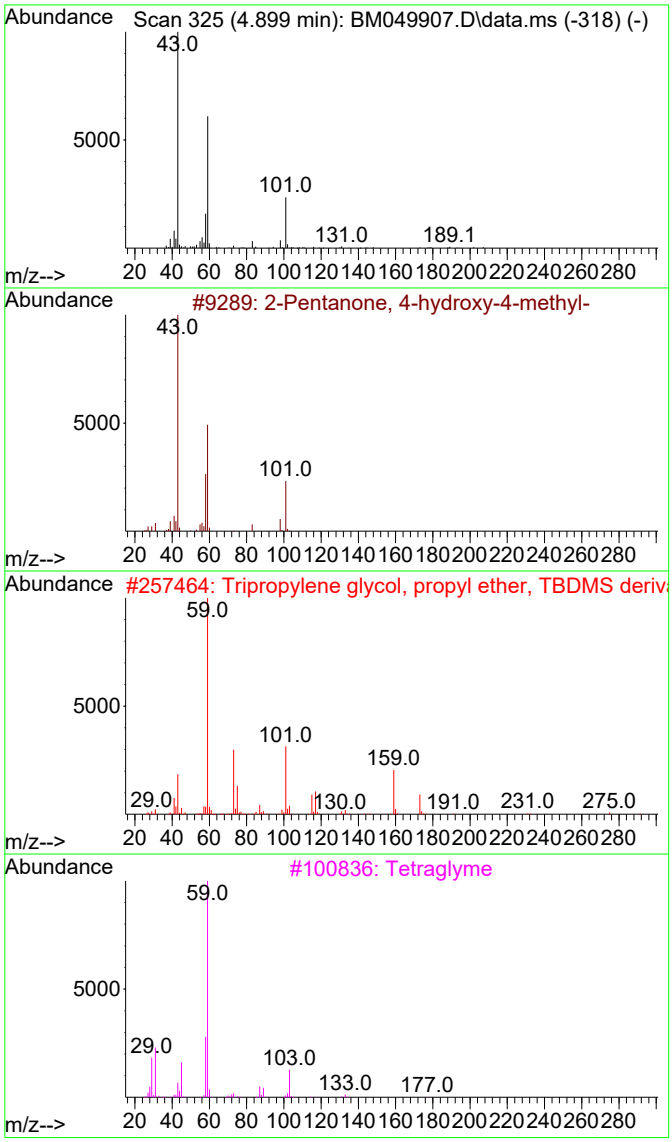
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

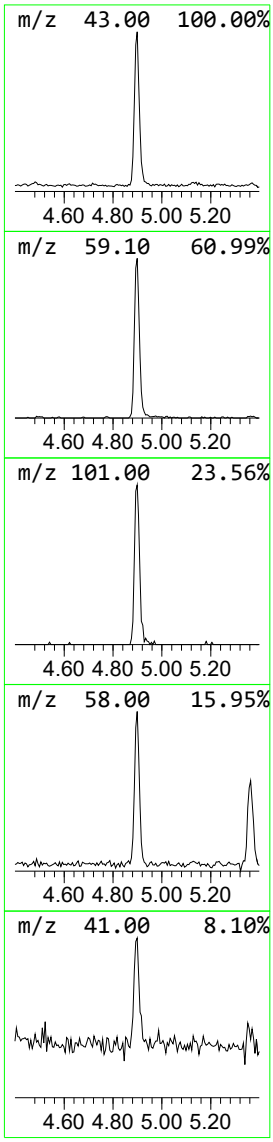
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.899	2.03 ng	185783	1,4-Dichlorobenzene-d4	7.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Tripropylene glycol, propyl ethe...	348	C18H40O4Si	1000367-07-2	47
3	Tetraglyme	222	C10H22O5	000143-24-8	43
4	2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	32
5	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
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Acq On : 11 Apr 2025 18:53
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Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

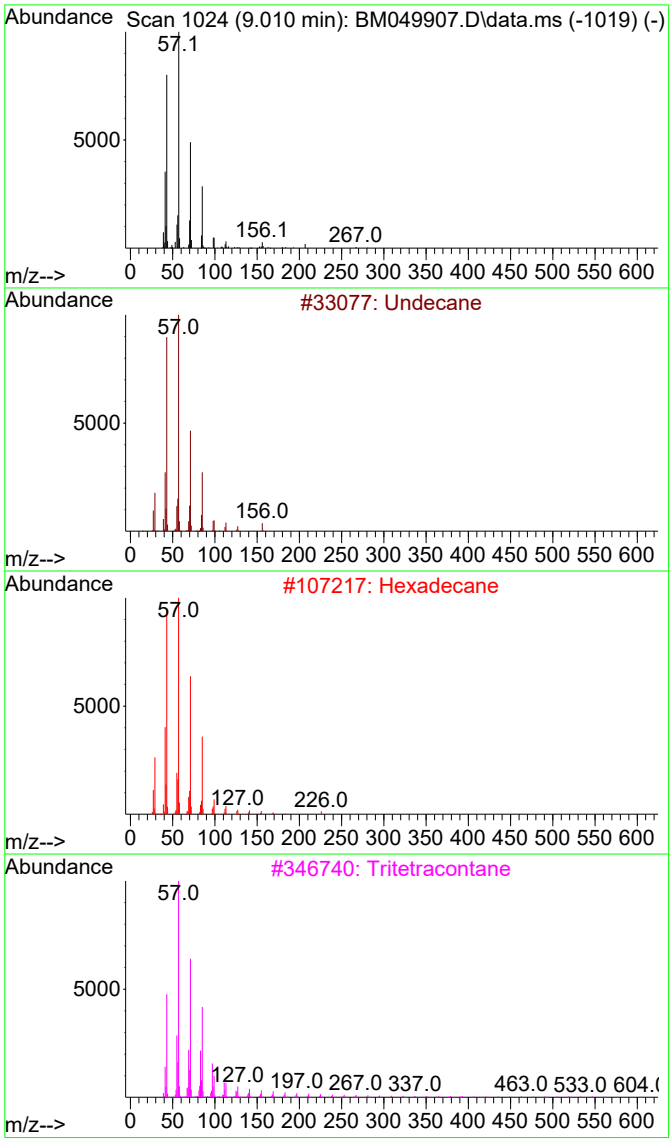
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

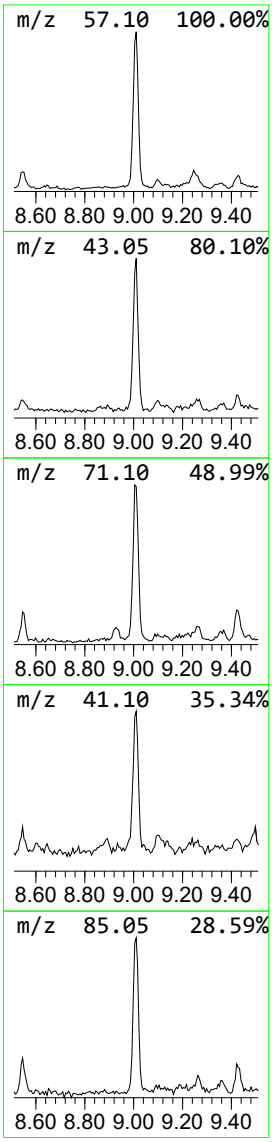
****

Peak Number 2 Undecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.010	2.28 ng	208554	1,4-Dichlorobenzene-d4	7.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	94
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tritetracontane	605	C43H88	007098-21-7	83
4	Tetradecane	198	C14H30	000629-59-4	78
5	Hexatriacontane	507	C36H74	000630-06-8	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049907.D
Acq On : 11 Apr 2025 18:53
Operator : RC/JU
Sample : Q1771-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-6C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

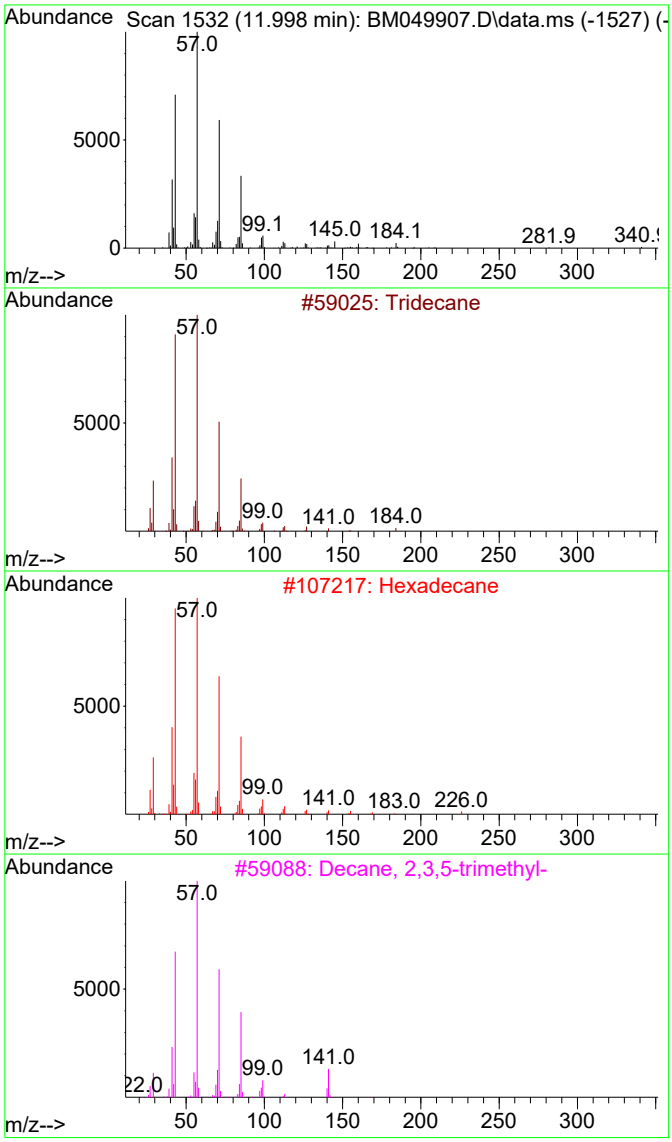
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

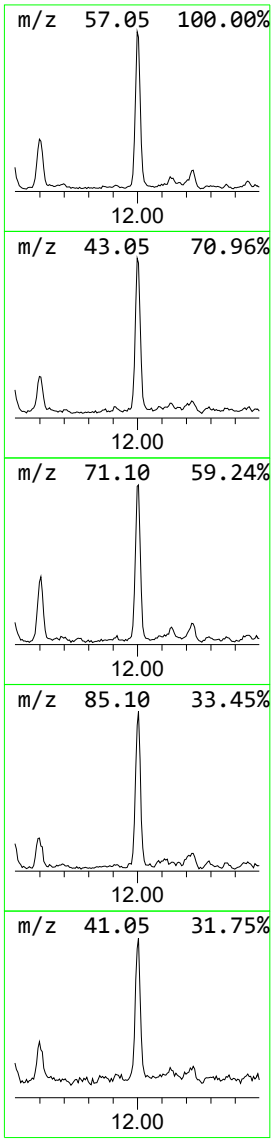
****

Peak Number 3 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.998	3.02 ng	389405	Naphthalene-d8	10.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Hexadecane	226	C16H34	000544-76-3	90
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	80
4	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	76
5	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	72





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

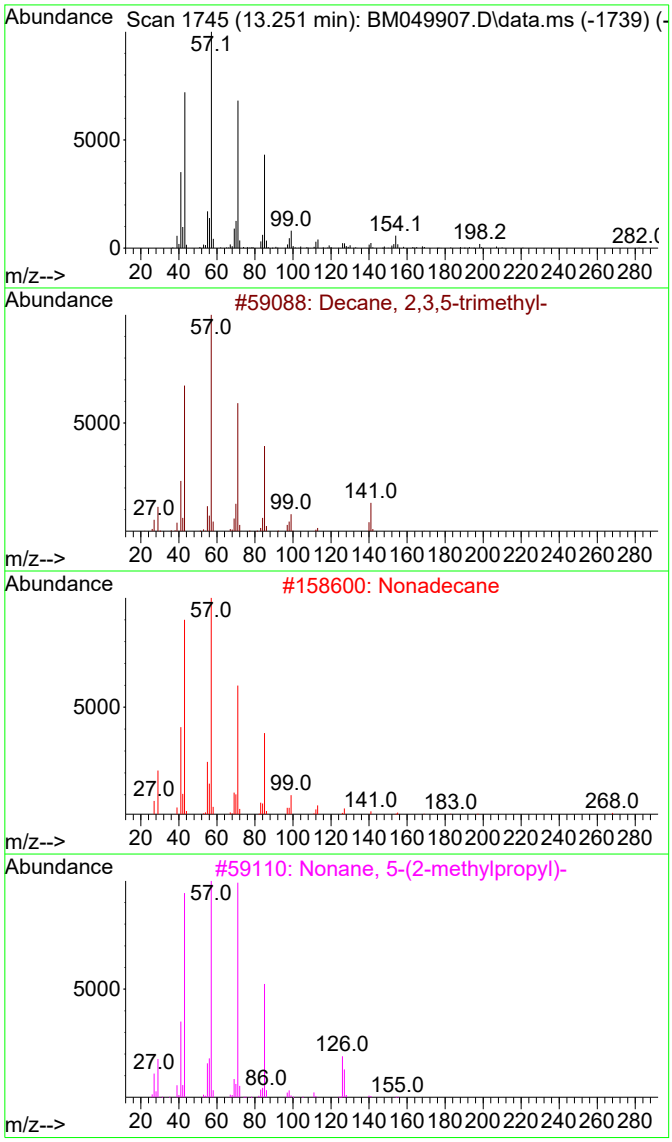
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

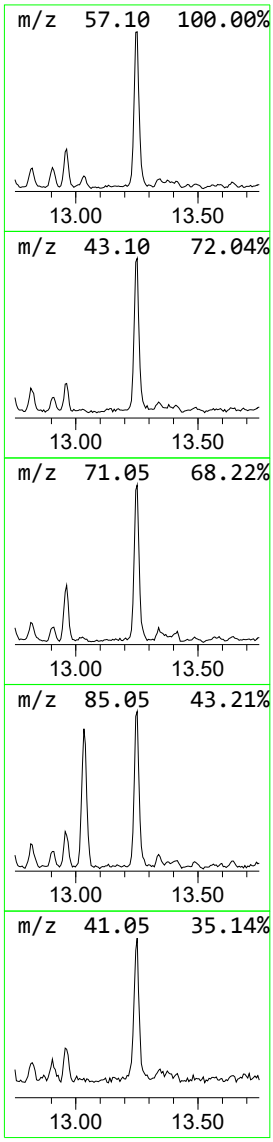
****

Peak Number 4 Decane, 2,3,5-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.251	2.94 ng	456488	Acenaphthene-d10	14.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
2	Nonadecane	268	C19H40	000629-92-5	86
3	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	80
4	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	72
5	Hexadecane	226	C16H34	000544-76-3	72





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Sample : Q1771-01 5X
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Instrument :
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ClientSampleId :
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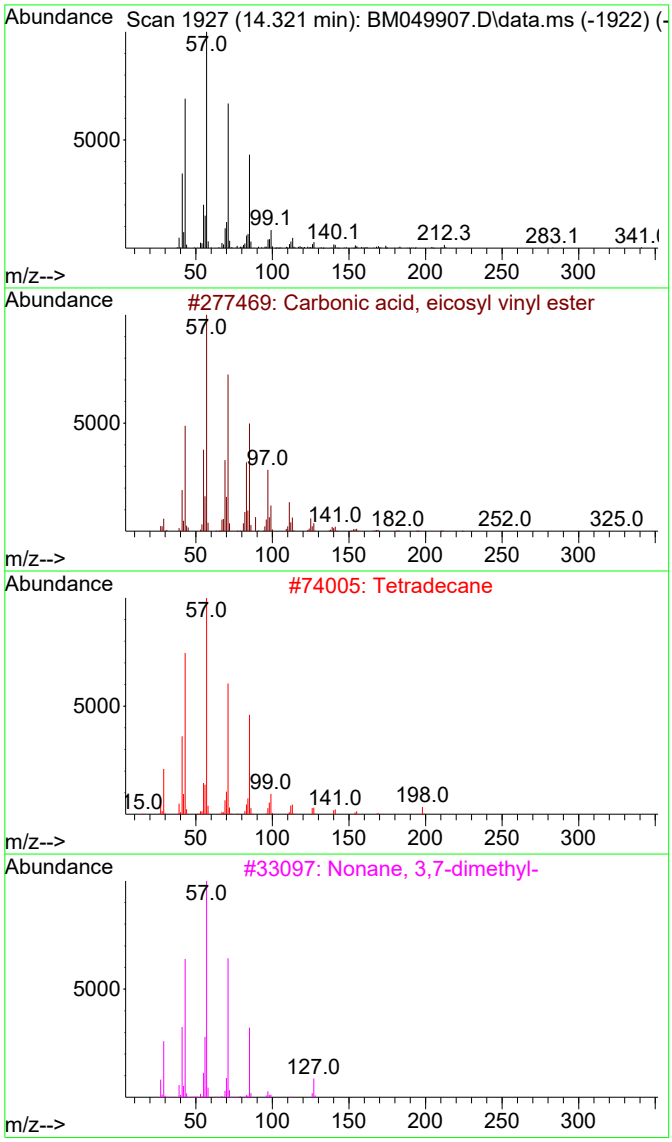
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

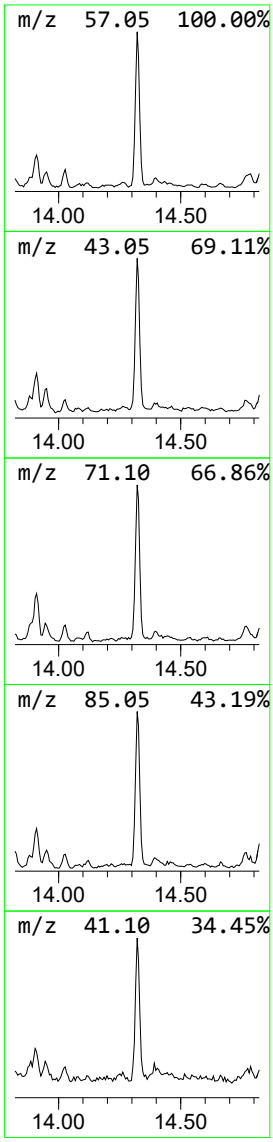
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Carbonic acid, eicosyl viny... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.322	3.12 ng	484097	Acenaphthene-d10	14.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	83
2	Tetradecane	198	C14H30	000629-59-4	80
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	80
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	64
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64





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Sample : Q1771-01 5X
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

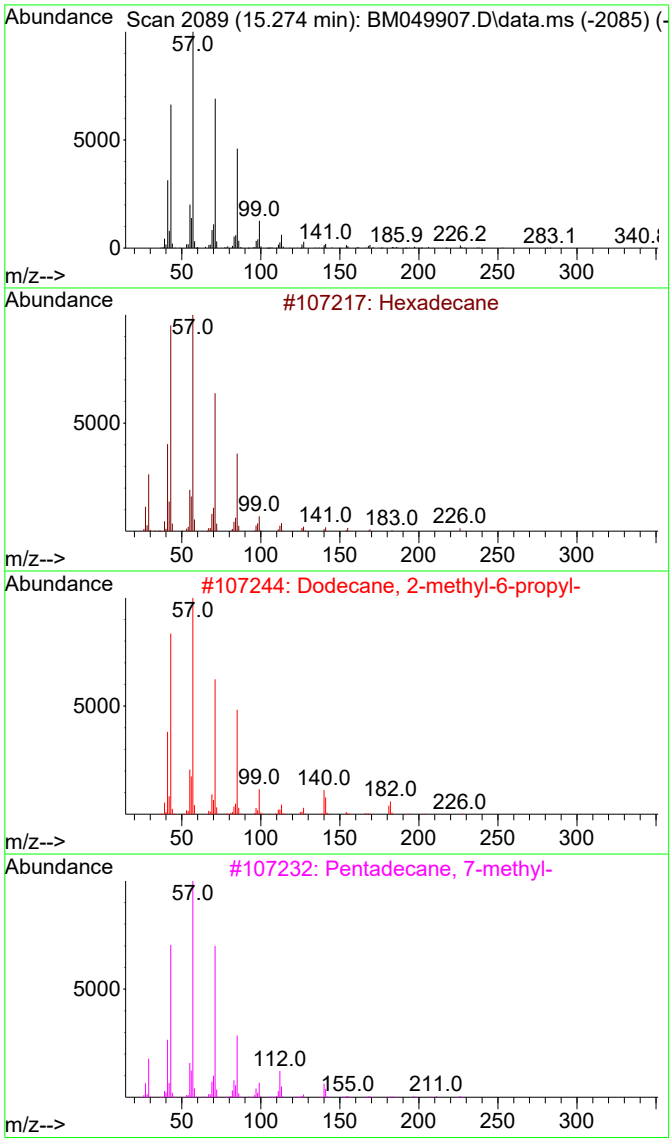
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

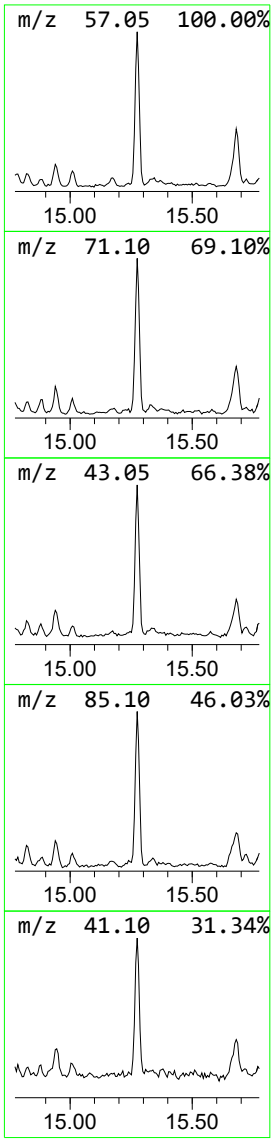
****

Peak Number 6 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.274	2.86 ng	443914	Acenaphthene-d10	14.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	83
4	Nonadecane	268	C19H40	000629-92-5	80
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	72





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Sample : Q1771-01 5X
Misc :
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Instrument :
BNA_M
ClientSampleId :
TP-6C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

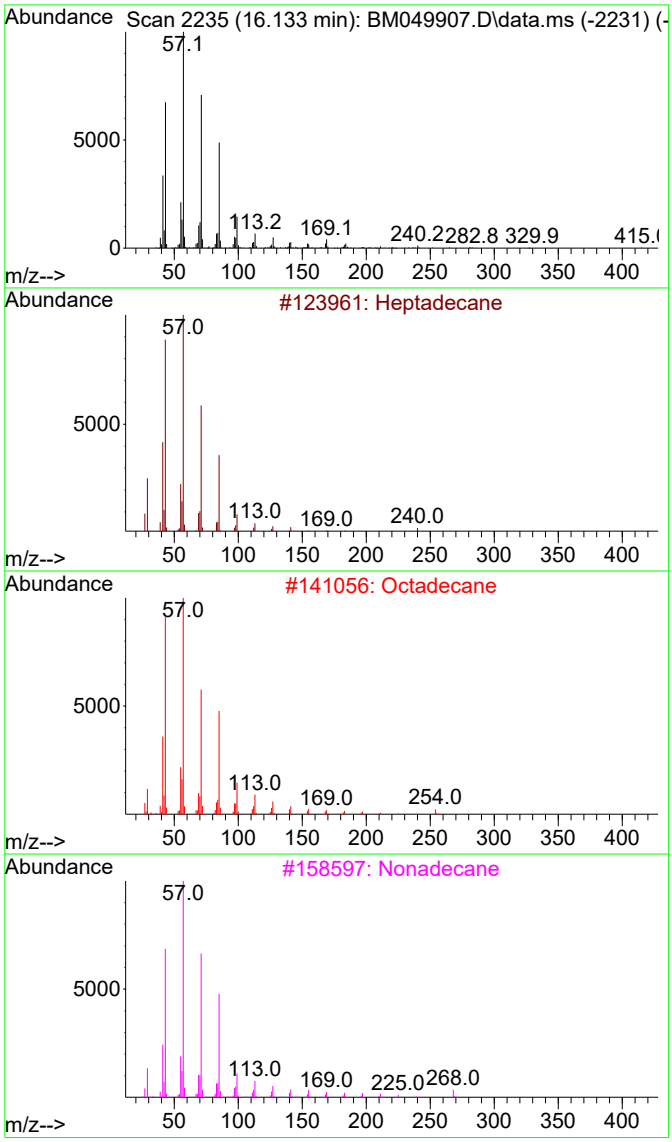
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

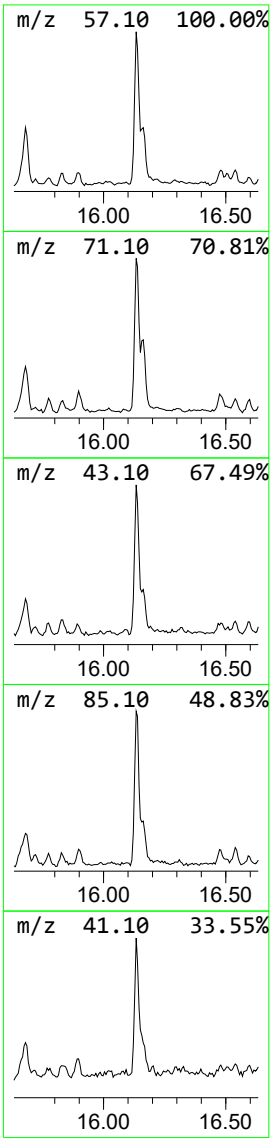
****

Peak Number 7 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.133	3.41 ng	570603	Phenanthrene-d10	17.157

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	Nonadecane	268	C19H40	000629-92-5	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87





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Data File : BM049907.D
Acq On : 11 Apr 2025 18:53
Operator : RC/JU
Sample : Q1771-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-6C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.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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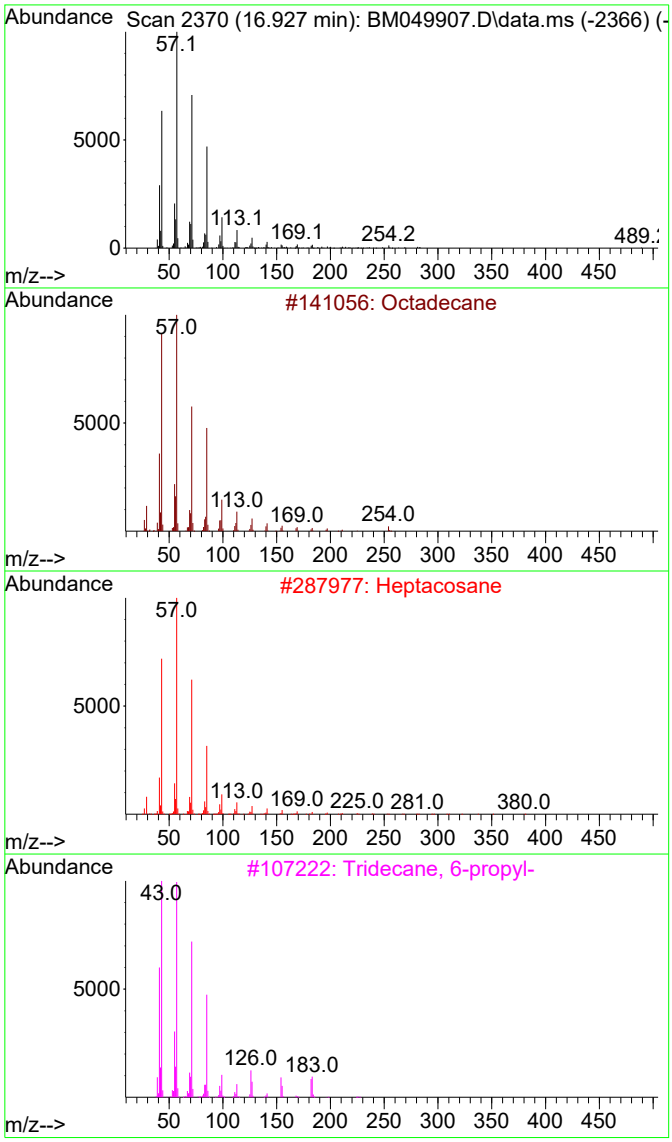
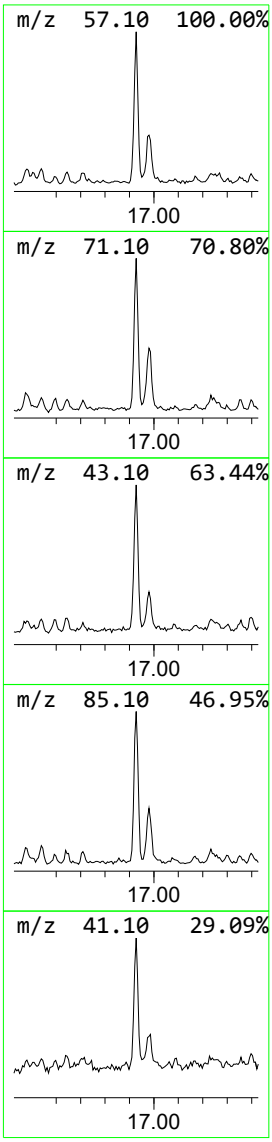
Peak Number 8 Octadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.927	2.47 ng	414390	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	92
2	Heptacosane	380	C27H56	000593-49-7	91
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Pentadecane	212	C15H32	000629-62-9	90





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Sample : Q1771-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-6C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

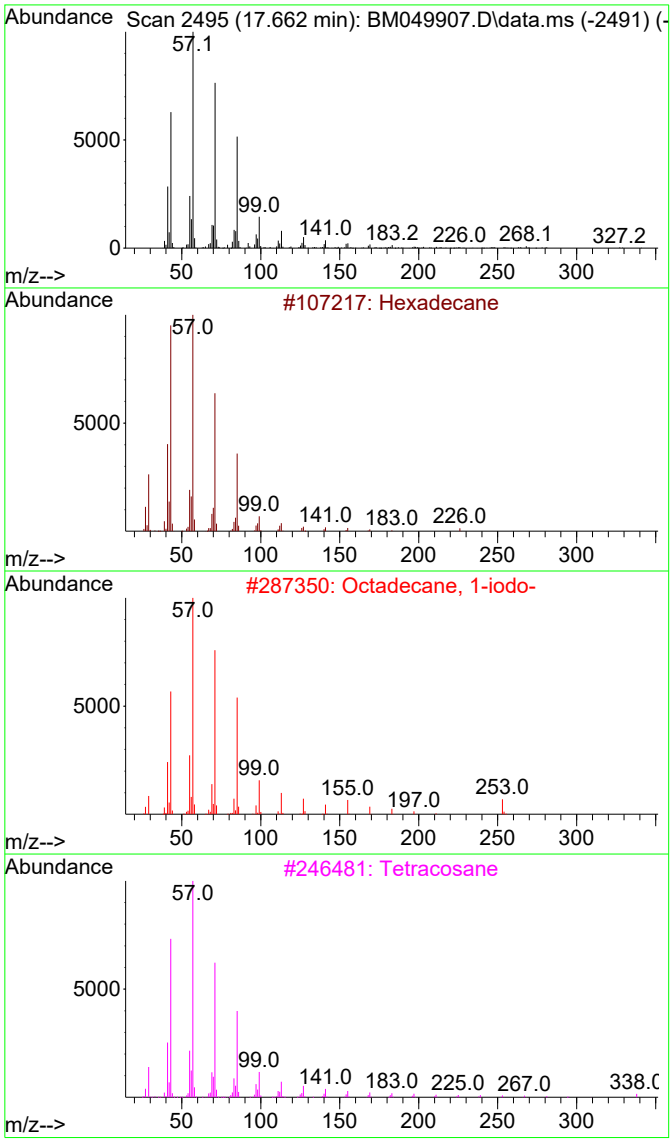
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

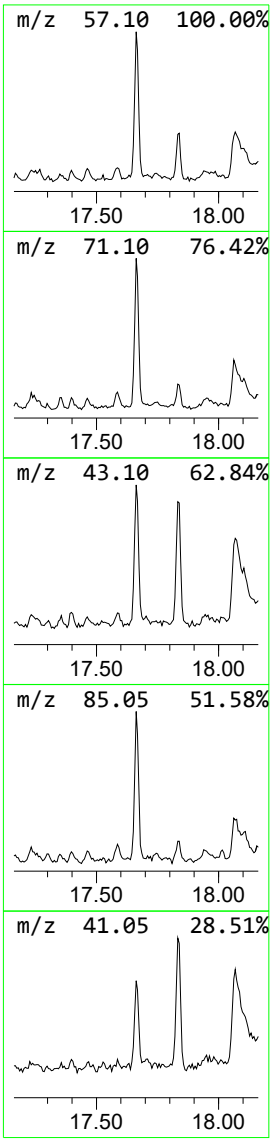
****

Peak Number 9 Octadecane, 1-iodo- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.662	2.25 ng	377247	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
5	Decane, 1-iodo-	268	C10H21I	002050-77-3	87





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Sample : Q1771-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-6C

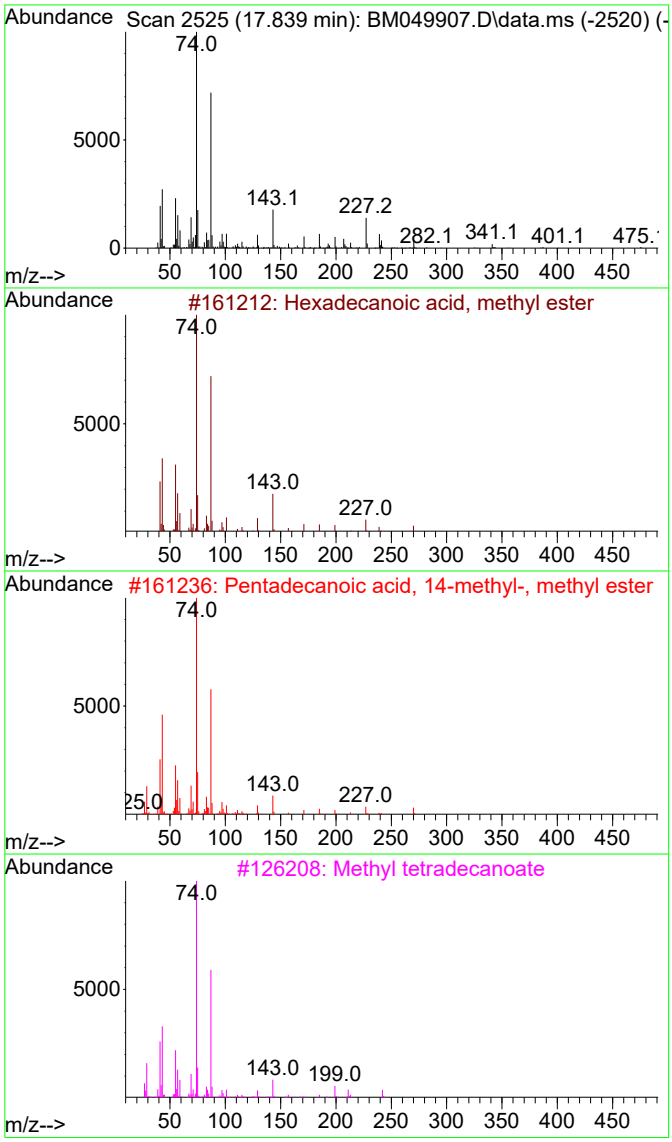
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

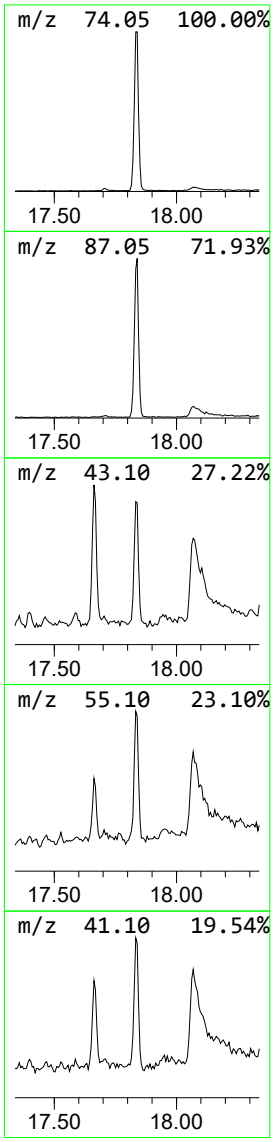
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.839	4.71 ng	788545	Phenanthrene-d10	17.157

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	93
5	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	81





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Acq On : 11 Apr 2025 18:53
Operator : RC/JU
Sample : Q1771-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-6C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.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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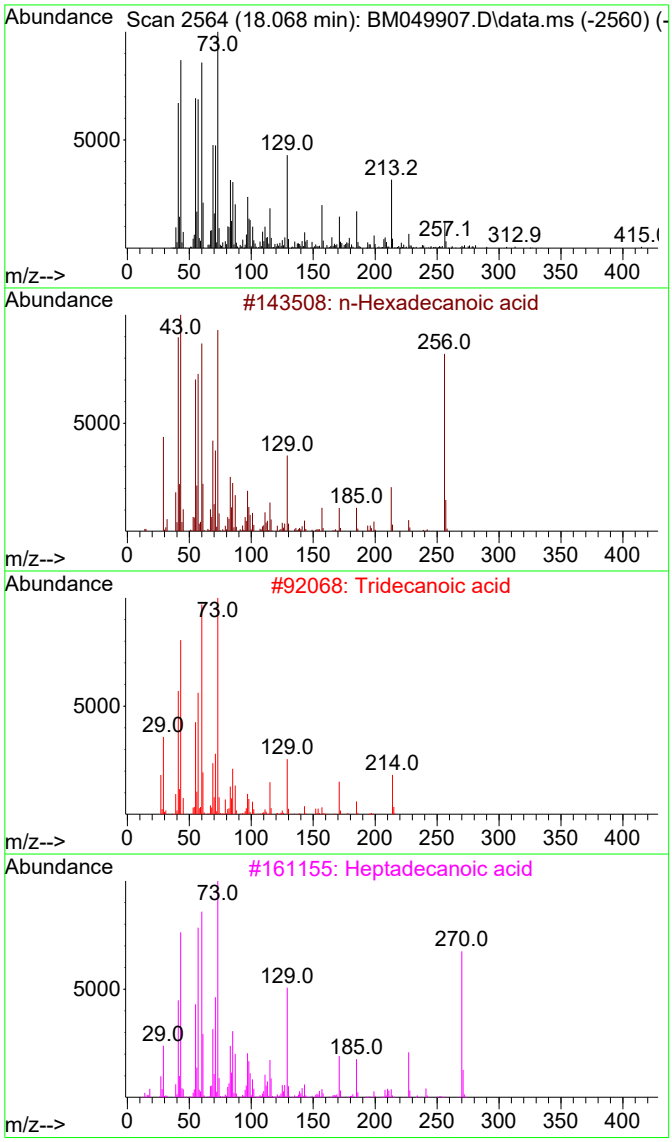
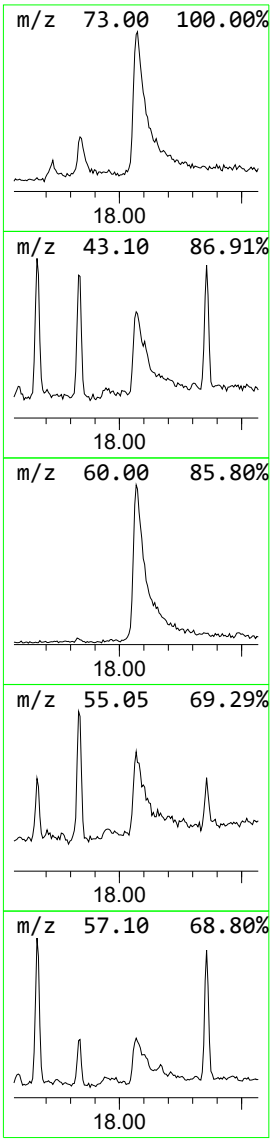
Peak Number 11 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.068	5.99 ng	1002970	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Heptadecanoic acid	270	C17H34O2	000506-12-7	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
5	Undecanoic acid	186	C11H22O2	000112-37-8	87





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Operator : RC/JU
Sample : Q1771-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-6C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.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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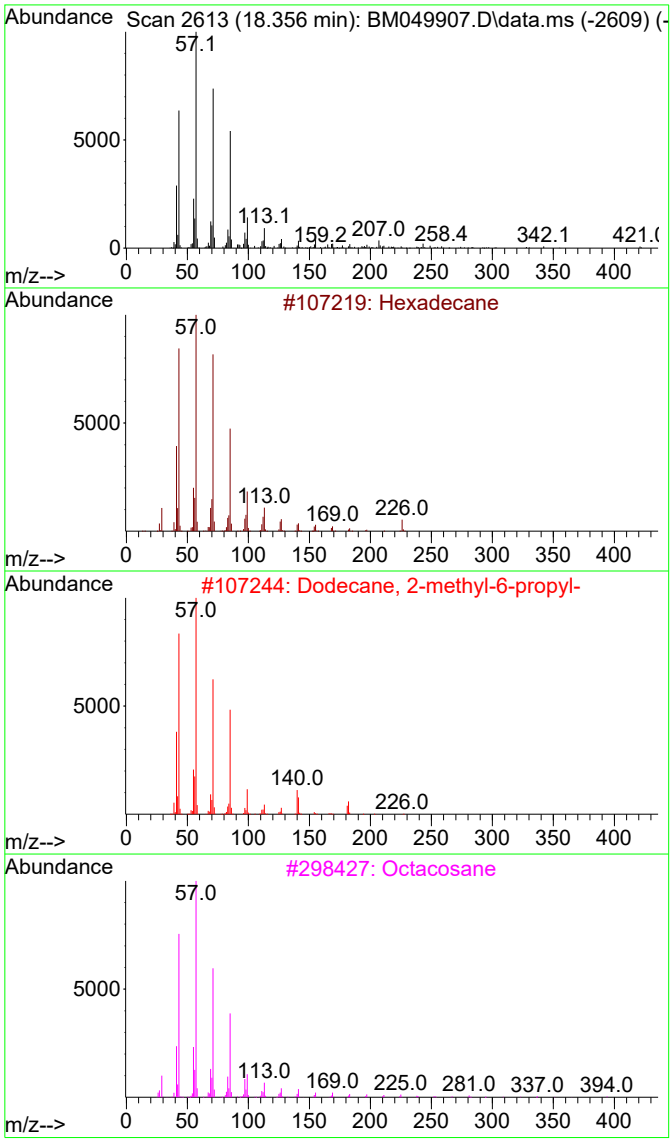
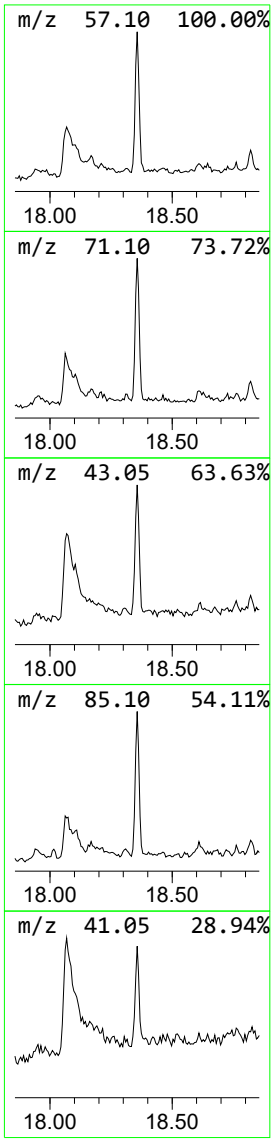
Peak Number 12 Dodecane, 2-methyl-6-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.357	2.09 ng	349679	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
3	Octacosane	394	C28H58	000630-02-4	81
4	Heptadecane	240	C17H36	000629-78-7	81
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	74





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Sample : Q1771-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-6C

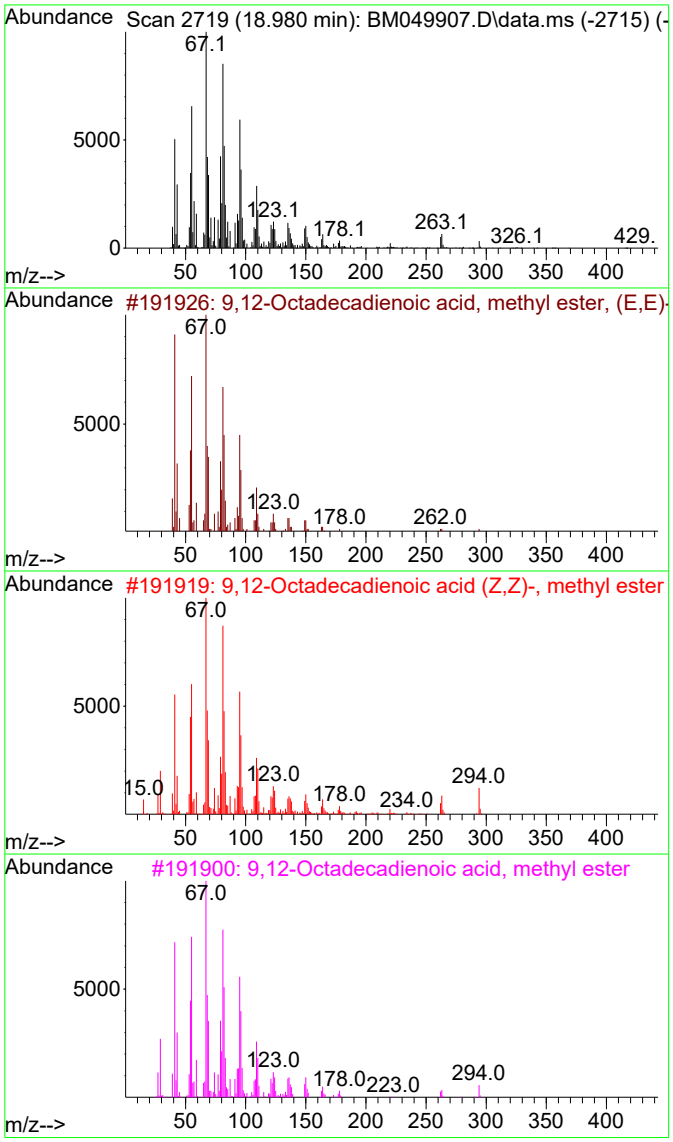
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

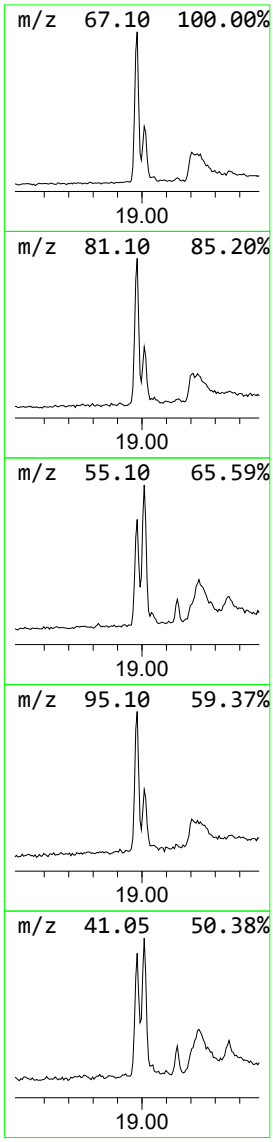
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 9,12-Octadecadienoic acid, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.980	9.17 ng	1535920	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99





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Operator : RC/JU
Sample : Q1771-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-6C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

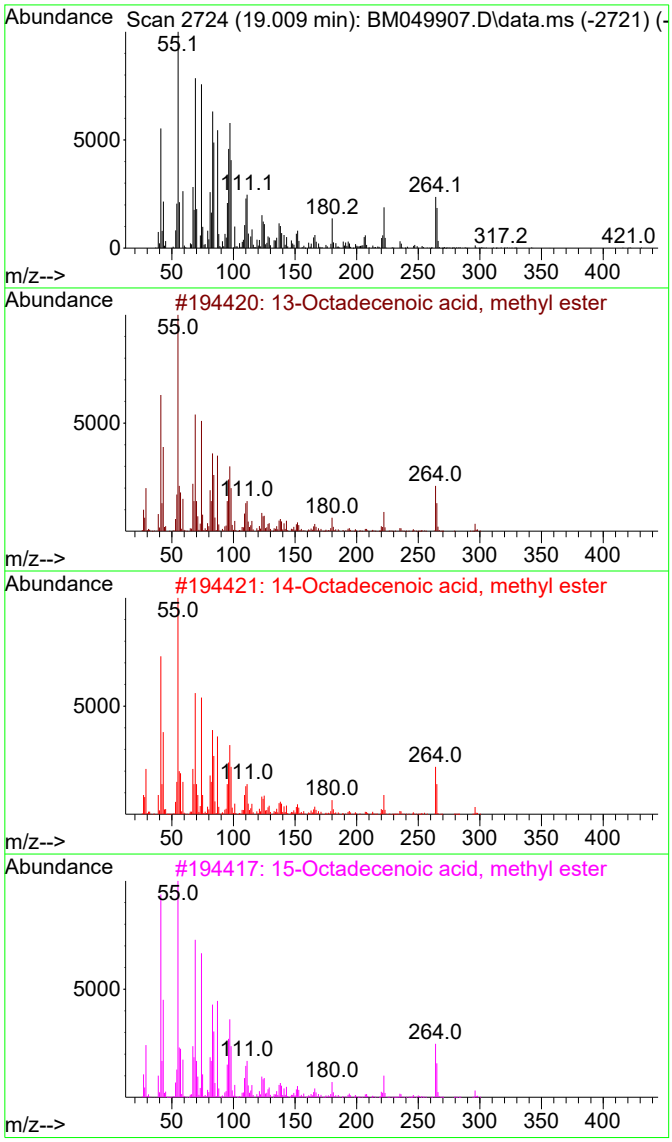
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

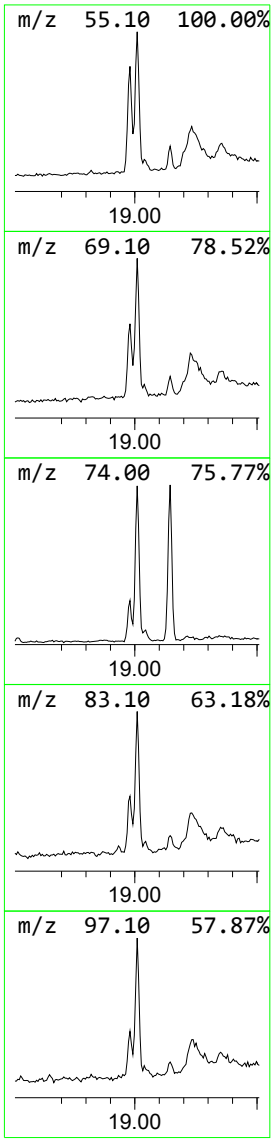
****

Peak Number 14 13-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.009	9.21 ng	1541430	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
2	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
3	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	97
4	(Z)-15-Octadecenoic acid methyl ...	296	C19H36O2	1000427-69-3	93
5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93





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Sample : Q1771-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-6C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.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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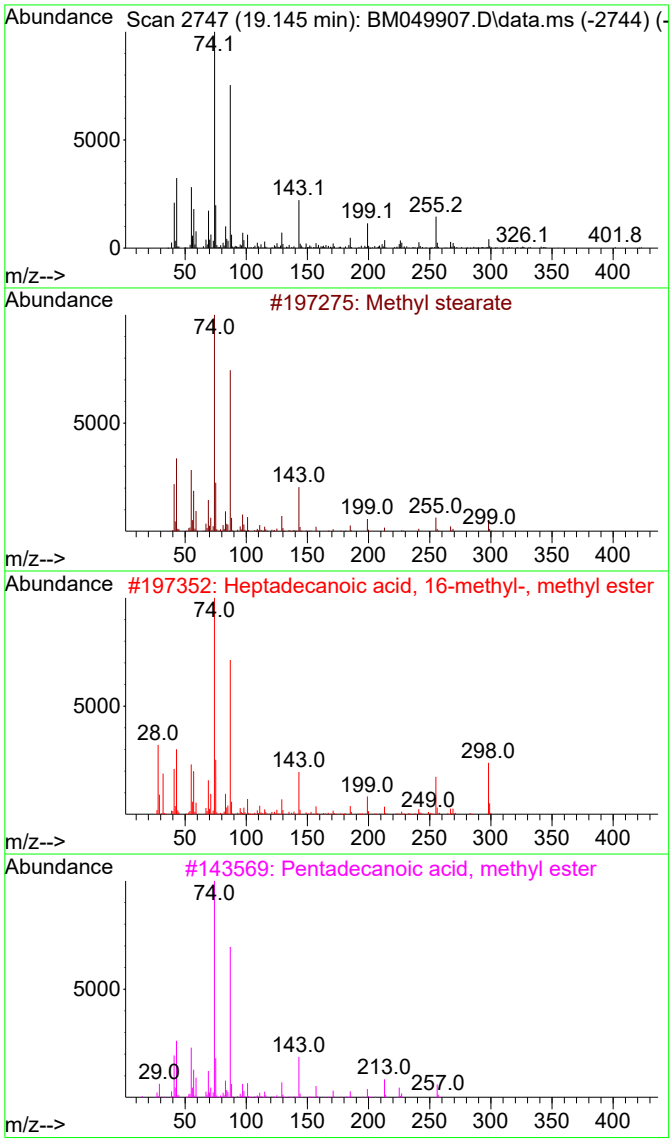
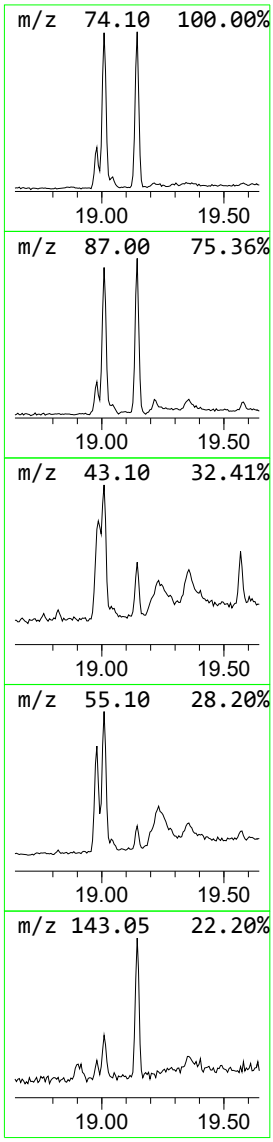
Peak Number 15 Methyl stearate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.145	2.09 ng	349285	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	97
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	94
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	86
5	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	83





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Operator : RC/JU
Sample : Q1771-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-6C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.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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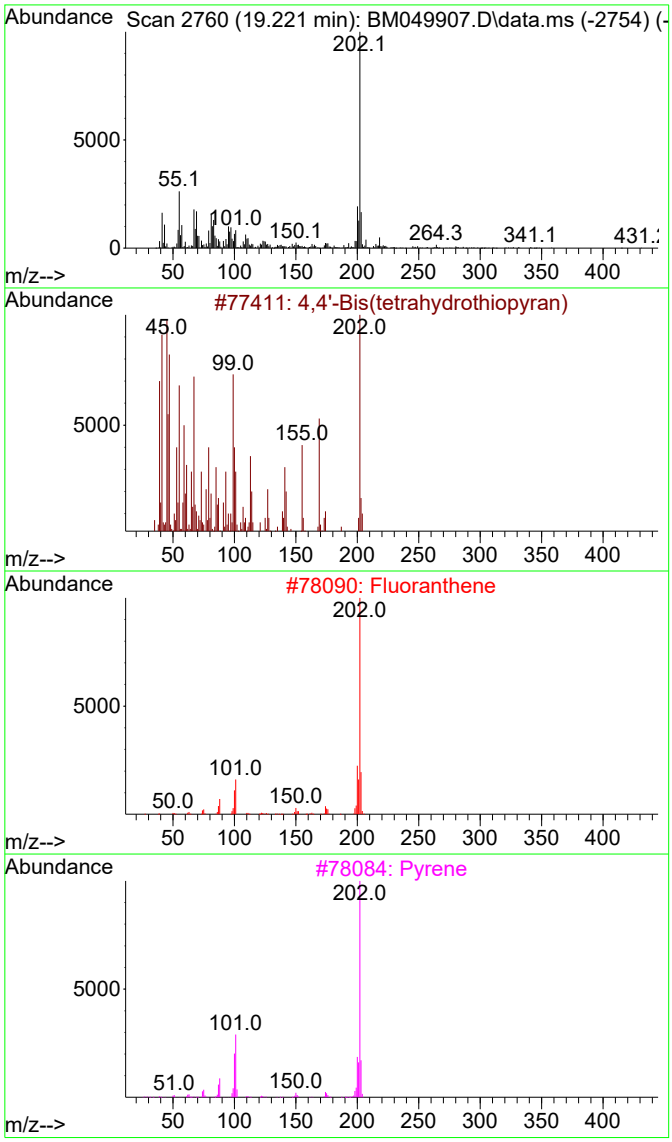
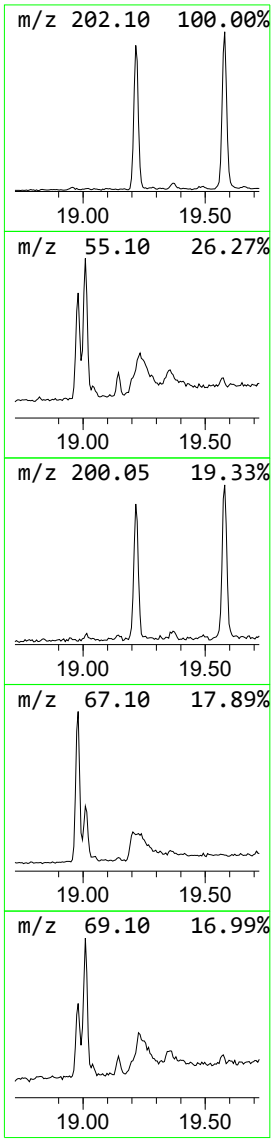
Peak Number 16 4,4'-Bis(tetrahydrothiopyran) Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.221	12.36 ng	2068980	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	89
2	Fluoranthene	202	C16H10	000206-44-0	83
3	Pyrene	202	C16H10	000129-00-0	64
4	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	64
5	4-Nonylaniline, N-trifluoroacetyl-	315	C17H24F3NO	1010328-33-5	47





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Acq On : 11 Apr 2025 18:53
Operator : RC/JU
Sample : Q1771-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-6C

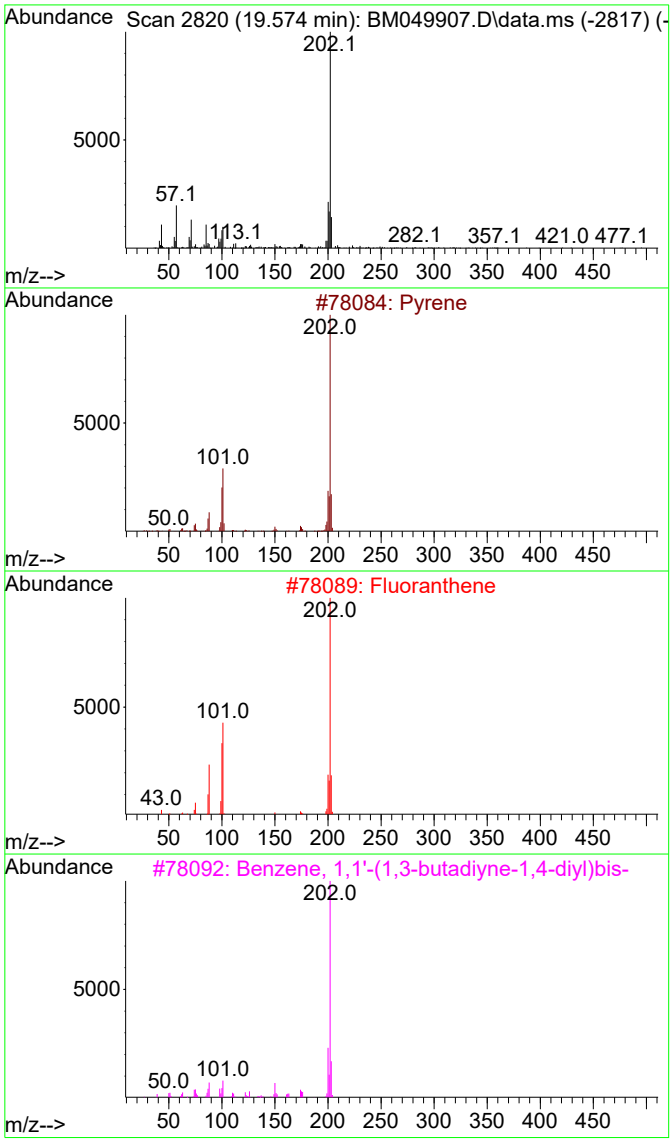
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

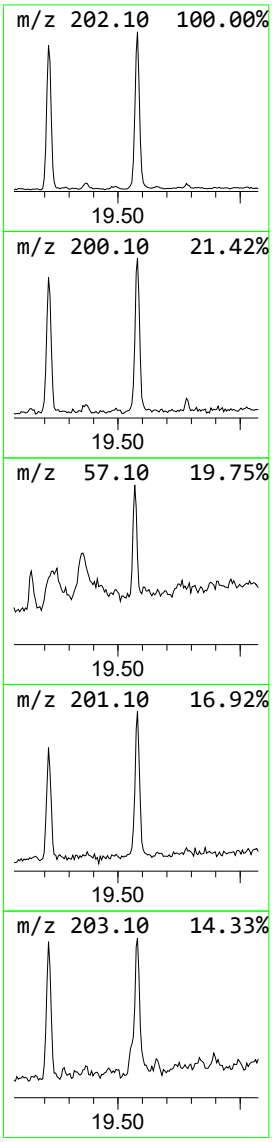
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.574	2.13 ng	364428	Chrysene-d12	21.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene	202	C16H10	000129-00-0	81
2	Fluoranthene	202	C16H10	000206-44-0	81
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	59
4	2,3-Dichlorobenzo[b]thiophene	202	C8H4Cl2S	1000298-87-9	47
5	Succinic acid, dec-2-yl 4-cyanop...	359	C21H29NO4	1000389-81-5	40





Tentatively Identified Compound (LSC) summary

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Data File : BM049907.D
Acq On : 11 Apr 2025 18:53
Operator : RC/JU
Sample : Q1771-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-6C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.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-...	4.899	2.0	ng	185783	1	7.775	1827870	20.0
Undecane	9.010	2.3	ng	208554	1	7.775	1827870	20.0
Tridecane	11.998	3.0	ng	389405	2	10.569	2574580	20.0
Decane, 2,3,5-t...	13.251	2.9	ng	456488	3	14.416	3106880	20.0
Carbonic acid, ...	14.322	3.1	ng	484097	3	14.416	3106880	20.0
Hexadecane	15.274	2.9	ng	443914	3	14.416	3106880	20.0
Heptadecane	16.133	3.4	ng	570603	4	17.157	3348930	20.0
Octadecane	16.927	2.5	ng	414390	4	17.157	3348930	20.0
Octadecane, 1-i...	17.662	2.3	ng	377247	4	17.157	3348930	20.0
Hexadecanoic ac...	17.839	4.7	ng	788545	4	17.157	3348930	20.0
n-Hexadecanoic ...	18.068	6.0	ng	1002970	4	17.157	3348930	20.0
Dodecane, 2-met...	18.357	2.1	ng	349679	4	17.157	3348930	20.0
9,12-Octadecadi...	18.980	9.2	ng	1535920	4	17.157	3348930	20.0
13-Octadecenoic...	19.009	9.2	ng	1541430	4	17.157	3348930	20.0
Methyl stearate	19.145	2.1	ng	349285	4	17.157	3348930	20.0
4,4'-Bis(tetrah...	19.221	12.4	ng	2068980	4	17.157	3348930	20.0
Benzene, 1,1'-(...	19.574	2.1	ng	364428	5	21.392	3417430	20.0