LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062424\
Data File : BF138317.D
Acq On : 24 Jun 2024 18:42
Operator : CG\JU
Sample : P2977-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OSTL-D3

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_F\Methods\8270-BF061224.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF138317.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.163	7	13	19	rVB	1962340	2402034	67.80%	5.654%
2	3.387	216	221	234	rBV	129919	305794	8.63%	0.720%
3	5.098	509	512	520	rVB	199949	211433	5.97%	0.498%
4	5.504	576	581	584	rBV	3493647	3147220	88.83%	7.408%
5	5.828	632	636	642	rVB	61746	53581	1.51%	0.126%
6	6.510	747	752	755	rBV	3244657	3067844	86.59%	7.222%
7	6.704	782	785	790	rBV	207872	169582	4.79%	0.399%
8	6.881	812	815	819	rBV	1496953	1301481	36.73%	3.064%
9	7.445	906	911	914	rBV	2239967	1973927	55.71%	4.647%
10	7.692	950	953	958	rBV	146296	116677	3.29%	0.275%
11	8.163	1029	1033	1036	rBV	2066742	1573823	44.42%	3.705%
12	8.381	1067	1070	1073	rVB	52391	44119	1.25%	0.104%
13	8.475	1082	1086	1098	rBV	272854	285200	8.05%	0.671%
14	9.239	1212	1216	1219	rBV	4396109	3543018	100.00%	8.340%
15	9.916	1327	1331	1335	rBV	1815336	1510538	42.63%	3.556%
16	10.016	1343	1348	1355	rBV	916018	1107161	31.25%	2.606%
17	10.669	1456	1459	1461	rBV	90249	82694	2.33%	0.195%
18	10.704	1461	1465	1475	rVB	2058160	1770145	49.96%	4.167%
19	10.833	1482	1487	1490	rBV	240195	211131	5.96%	0.497%
20	10.886	1493	1496	1498	rBV	522563	430576	12.15%	1.014%
21	10.922	1498	1502	1505	rVV2	420217	567140	16.01%	1.335%
22	10.951	1505	1507	1509	rVV2	430554	359533	10.15%	0.846%
23	10.975	1509	1511	1514	rVV	247192	223252	6.30%	0.526%
24	11.022	1514	1519	1520	rVV2	137671	208582	5.89%	0.491%
25	11.033	1520	1521	1523	rVV	151858	94461	2.67%	0.222%
26	11.069	1523	1527	1530	rVV3	375141	477470	13.48%	1.124%
27	11.104	1530	1533	1535	rVV	381782	375523	10.60%	0.884%
28	11.145	1538	1540	1544	rVB2	205982	173306	4.89%	0.408%
29	11.222	1549	1553	1556	rBV2	34237	42988	1.21%	0.101%
30	11.286	1562	1564	1567	rBV	56448	59837	1.69%	0.141%
31	11.345	1570	1574	1578	rVB3	75065	112494	3.18%	0.265%
32	11.404	1578	1584	1586	rBV	1610549	1322623	37.33%	3.113%
33	11.427	1586	1588	1591	rVB	238386	179434	5.06%	0.422%
34	11.633	1618	1623	1628	rBV3	24415	42444	1.20%	0.100%
35	11.857	1657	1661	1664	rBV2	80149	86430	2.44%	0.203%
36	11.892	1664	1667	1670	rVV2	70357	100452	2.84%	0.236%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062424\
Data File : BF138317.D
Acq On : 24 Jun 2024 18:42
Operator : CG\JU
Sample : P2977-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OSTL-D3

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_F\Methods\8270-BF061224.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.927	1670	1673	1680	rVB2	660309	586842	16.56%	1.381%
38	12.016	1685	1688	1690	rBV2	68776	64674	1.83%	0.152%
39	12.104	1700	1703	1706	rBV2	51678	57423	1.62%	0.135%
40	12.198	1714	1719	1721	rBV	37782	44387	1.25%	0.104%
41	12.451	1759	1762	1765	rBV	50932	53018	1.50%	0.125%
42	12.492	1765	1769	1774	rVV6	38662	74196	2.09%	0.175%
43	12.533	1774	1776	1782	rVV2	39068	55480	1.57%	0.131%
44	12.616	1787	1790	1793	rVV	749775	662131	18.69%	1.559%
45	12.651	1793	1796	1803	rVB6	83472	144590	4.08%	0.340%
46	12.710	1803	1806	1813	rBV2	140093	171402	4.84%	0.403%
47	12.845	1823	1829	1831	rBV	615062	605533	17.09%	1.425%
48	12.986	1849	1853	1857	rBV	3633328	3304513	93.27%	7.779%
49	13.063	1861	1866	1869	rBV3	45885	77949	2.20%	0.183%
50	13.169	1882	1884	1887	rVB	97864	93768	2.65%	0.221%
51	13.239	1894	1896	1898	rVB	75732	51586	1.46%	0.121%
52	13.274	1899	1902	1905	rVB2	76526	69977	1.98%	0.165%
53	13.398	1921	1923	1927	rBV	45071	45269	1.28%	0.107%
54	13.674	1968	1970	1975	rVB	69987	77472	2.19%	0.182%
55	13.821	1992	1995	1997	rBV	49067	41954	1.18%	0.099%
56	13.845	1997	1999	2003	rVV3	54067	78637	2.22%	0.185%
57	13.886	2003	2006	2017	rVB	331479	451623	12.75%	1.063%
58	14.039	2026	2032	2035	rBV3	1550461	1958169	55.27%	4.609%
59	14.068	2035	2037	2043	rVB	318424	279086	7.88%	0.657%
60	14.145	2048	2050	2053	rVB	64836	50937	1.44%	0.120%
61	14.204	2058	2060	2066	rVV5	50527	65246	1.84%	0.154%
62	14.427	2096	2098	2102	rVB2	93587	83059	2.34%	0.196%
63	14.510	2109	2112	2117	rBV3	170769	273858	7.73%	0.645%
64	14.898	2175	2178	2185	rVB2	124343	133046	3.76%	0.313%
65	14.968	2186	2190	2196	rBV	703613	721911	20.38%	1.699%
66	15.080	2206	2209	2213	rBV	252933	396972	11.20%	0.934%
67	15.163	2220	2223	2225	rBV	233342	254280	7.18%	0.599%
68	15.192	2225	2228	2240	rVB	873180	1400855	39.54%	3.298%
69	15.386	2258	2261	2268	rVB	148296	199144	5.62%	0.469%
70	15.451	2268	2272	2276	rBV	196018	238987	6.75%	0.563%
71	15.515	2279	2283	2287	rBV	765603	903295	25.50%	2.126%
72	15.757	2320	2324	2328	rBV	274501	345660	9.76%	0.814%
73	15.992	2360	2364	2370	rVB	262513	371778	10.49%	0.875%
74	16.057	2371	2375	2384	rBV6	104641	259137	7.31%	0.610%

Sum of corrected areas: 42481791

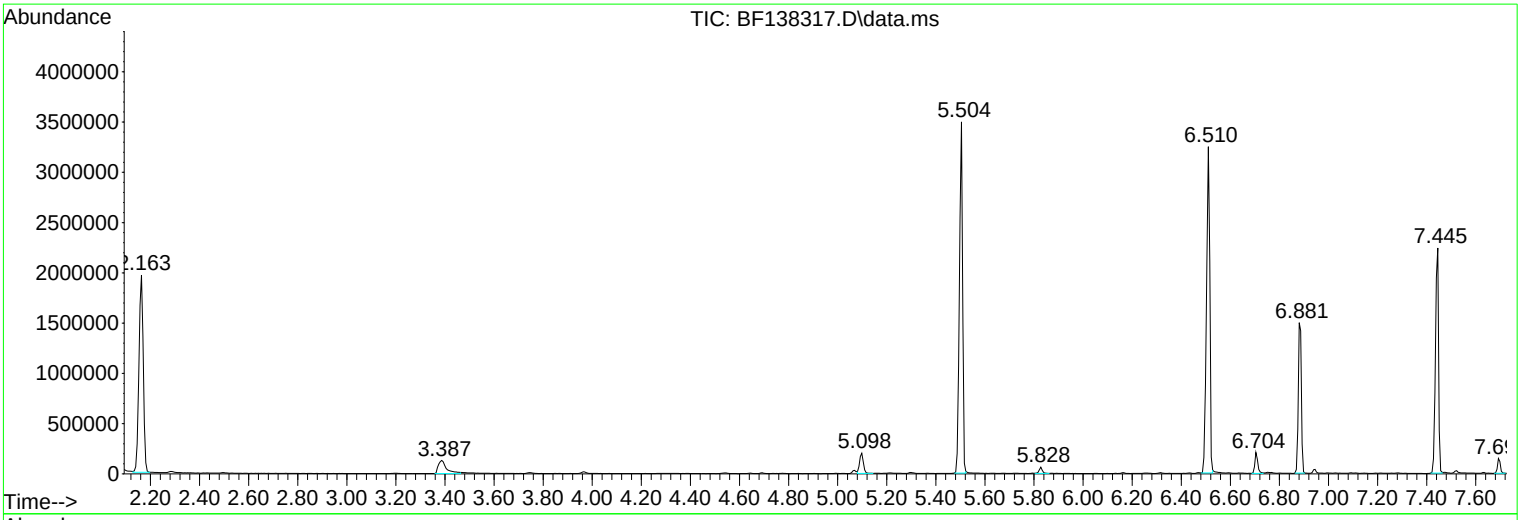
Instrument :
BNA_F
ClientSampleId :
OSTL-D3

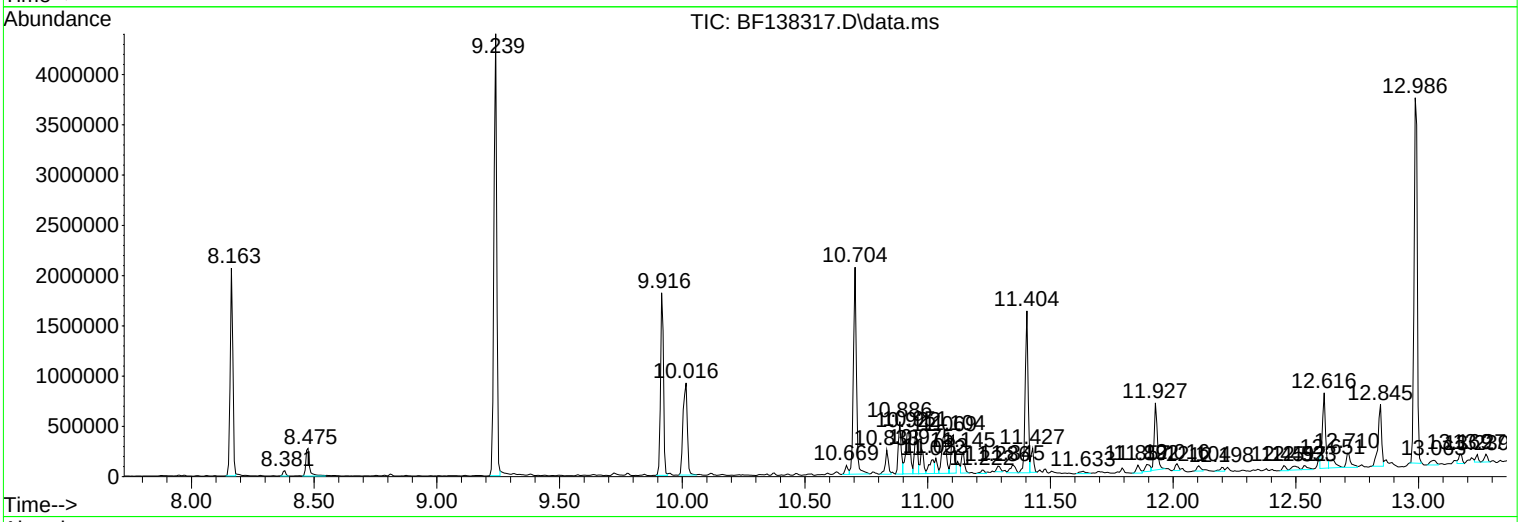
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062424\
Data File : BF138317.D
Acq On : 24 Jun 2024 18:42
Operator : CG\JU
Sample : P2977-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

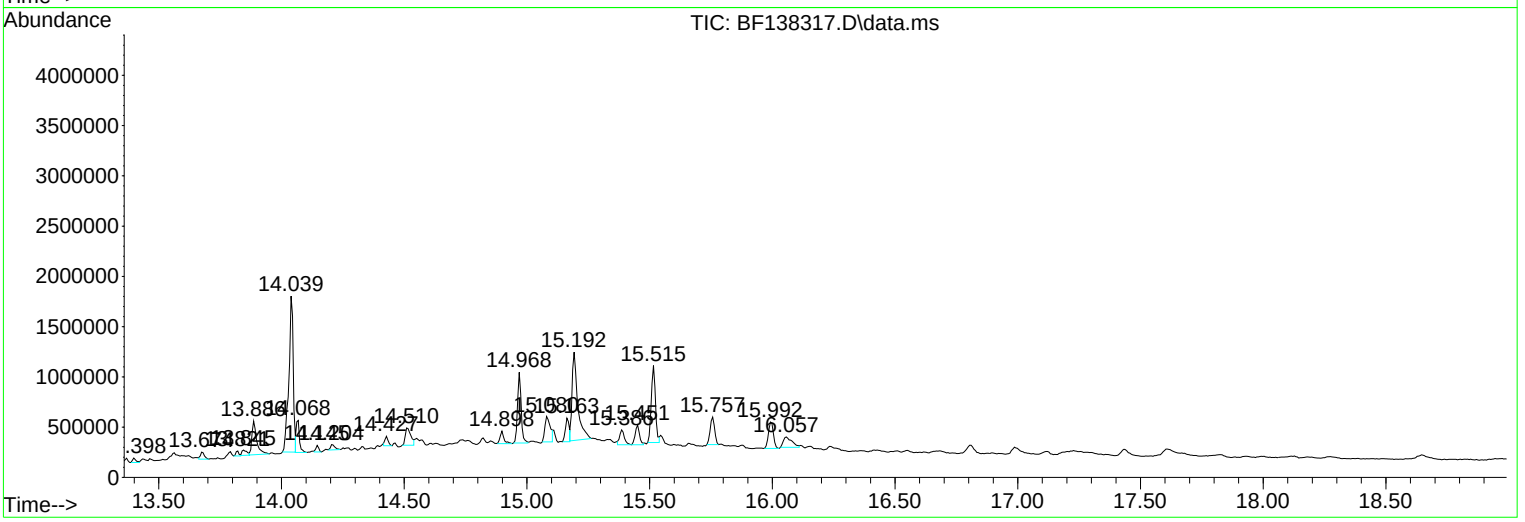
Instrument :
BNA_F
ClientSampleId :
OSTL-D3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.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_F\Data\BF062424\
Data File : BF138317.D
Acq On : 24 Jun 2024 18:42
Operator : CG\JU
Sample : P2977-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OSTL-D3

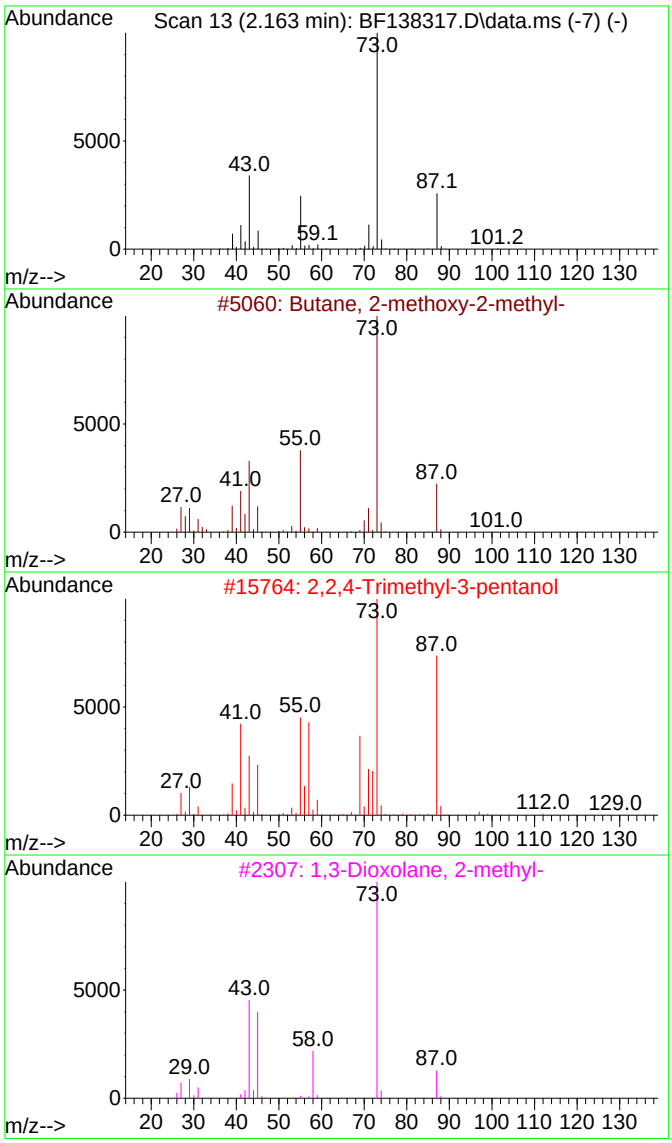
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

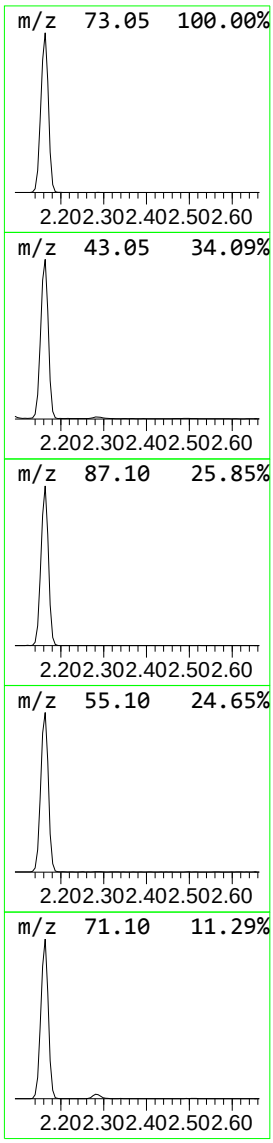
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.163	36.91 ng	2402030	1,4-Dichlorobenzene-d4	6.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062424\
Data File : BF138317.D
Acq On : 24 Jun 2024 18:42
Operator : CG\JU
Sample : P2977-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OSTL-D3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

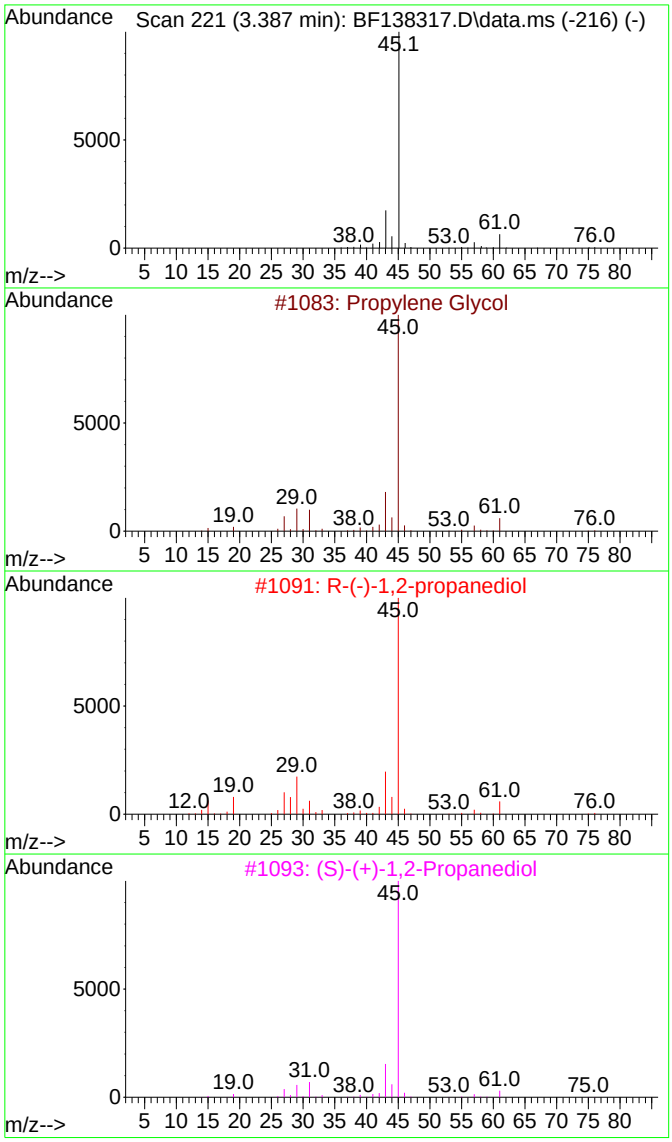
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

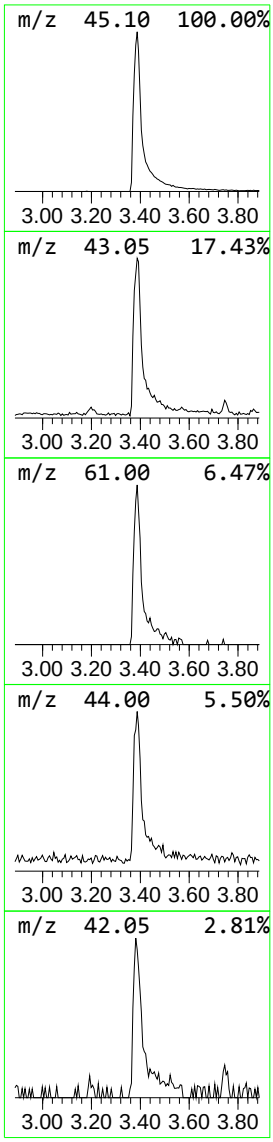
****

Peak Number 2 Propylene Glycol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.387	4.70 ng	305794	1,4-Dichlorobenzene-d4	6.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	90
2	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	78
3	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	43
4	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	40
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062424\
Data File : BF138317.D
Acq On : 24 Jun 2024 18:42
Operator : CG\JU
Sample : P2977-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OSTL-D3

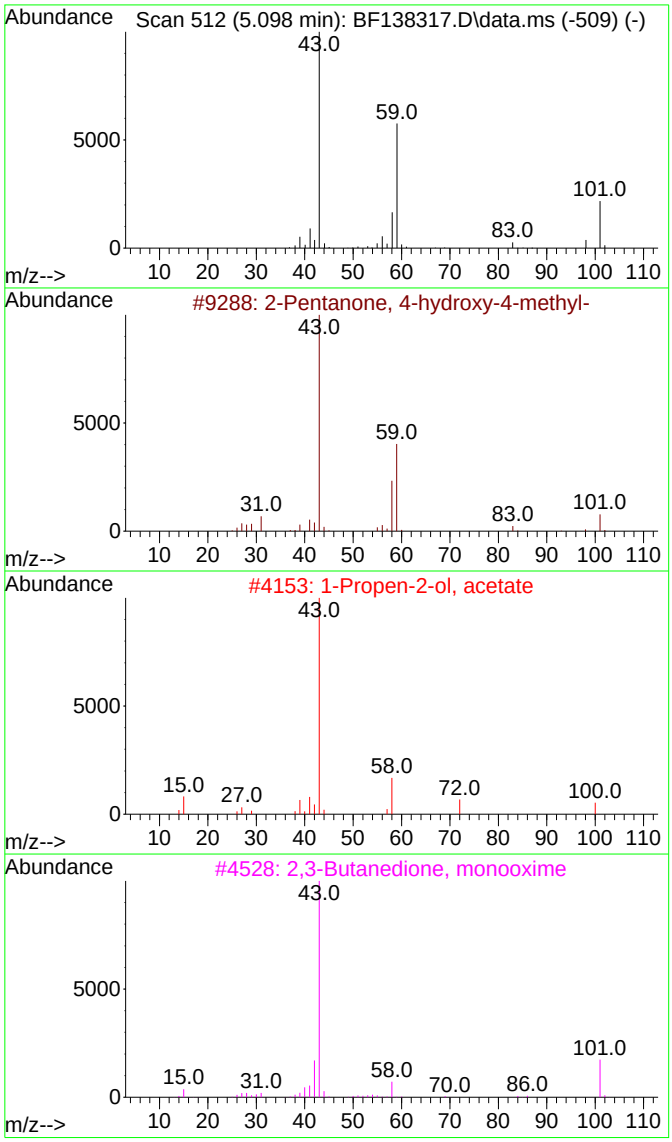
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

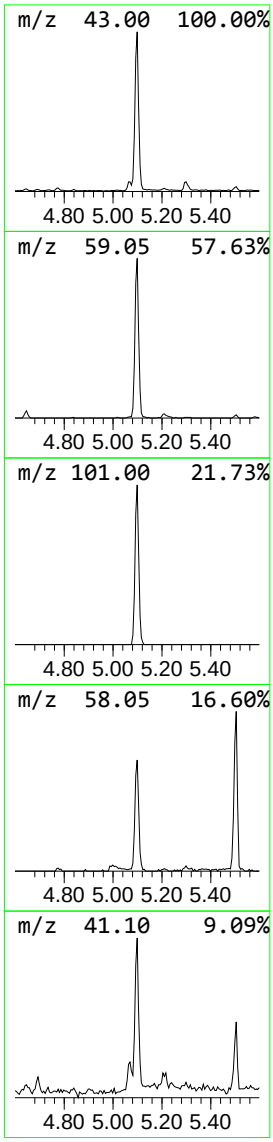
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.098	3.25 ng	211433	1,4-Dichlorobenzene-d4	6.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062424\
Data File : BF138317.D
Acq On : 24 Jun 2024 18:42
Operator : CG\JU
Sample : P2977-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OSTL-D3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

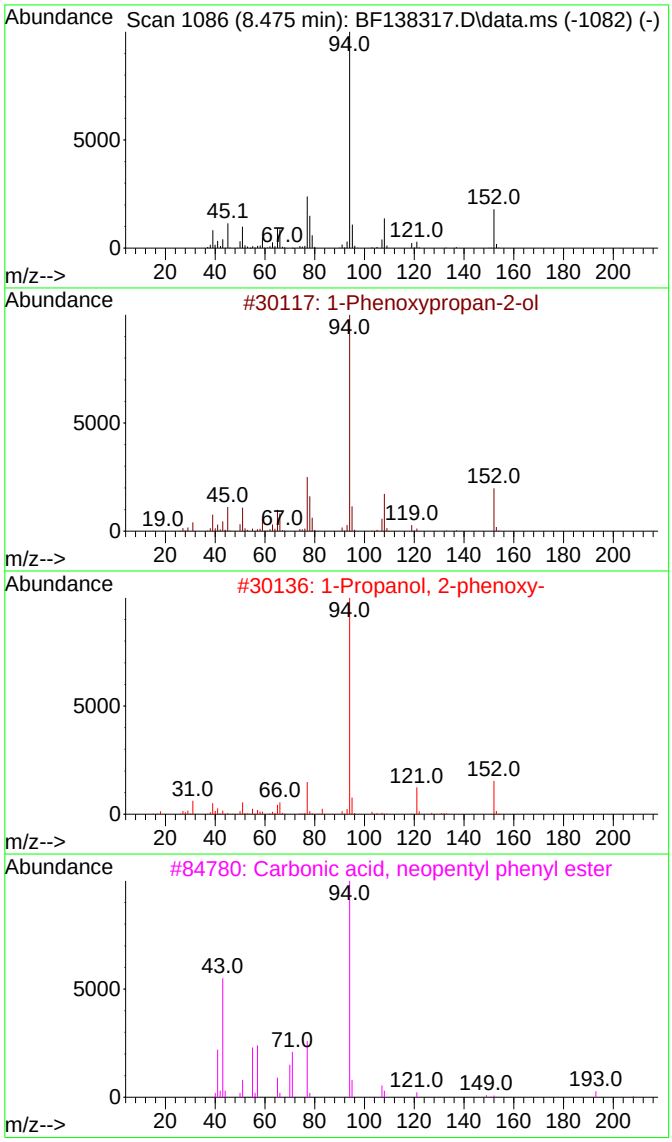
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

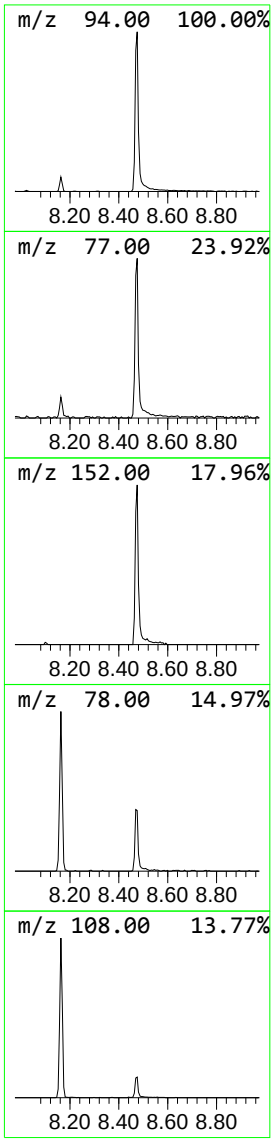
****

Peak Number 4 1-Phenoxypropan-2-ol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.475	3.62 ng	285200	Naphthalene-d8	8.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	96
2	1-Propanol, 2-phenoxy-	152	C9H12O2	004169-04-4	64
3	Carbonic acid, neopentyl phenyl ...	208	C12H16O3	013183-19-2	64
4	Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	64
5	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062424\
Data File : BF138317.D
Acq On : 24 Jun 2024 18:42
Operator : CG\JU
Sample : P2977-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OSTL-D3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

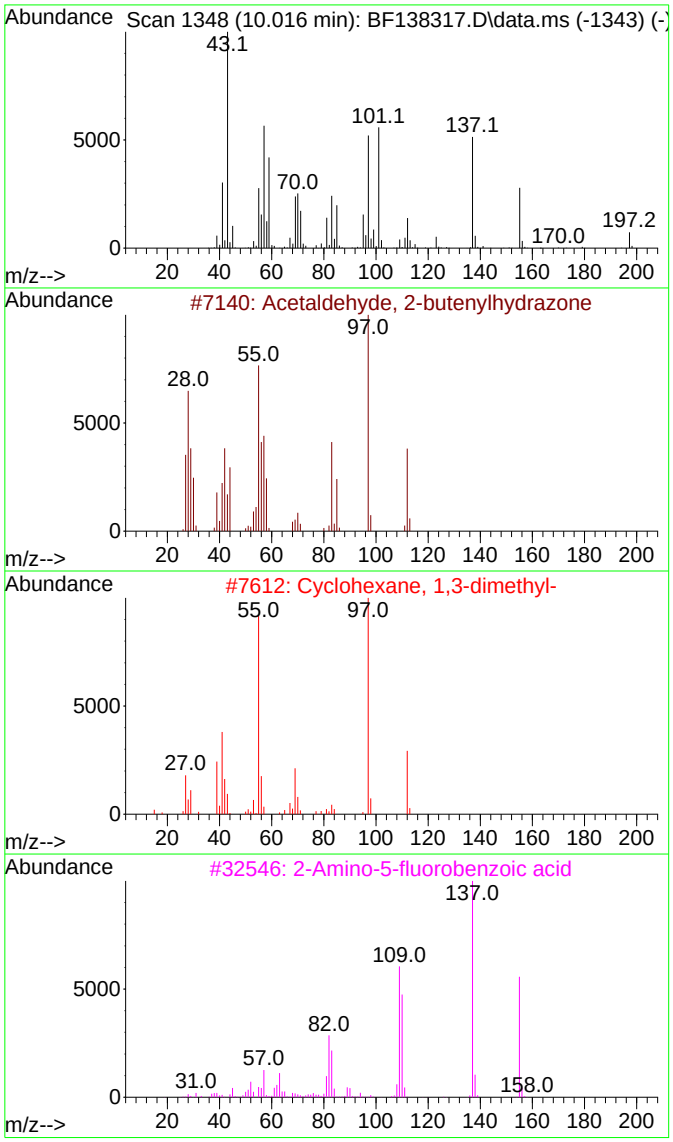
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

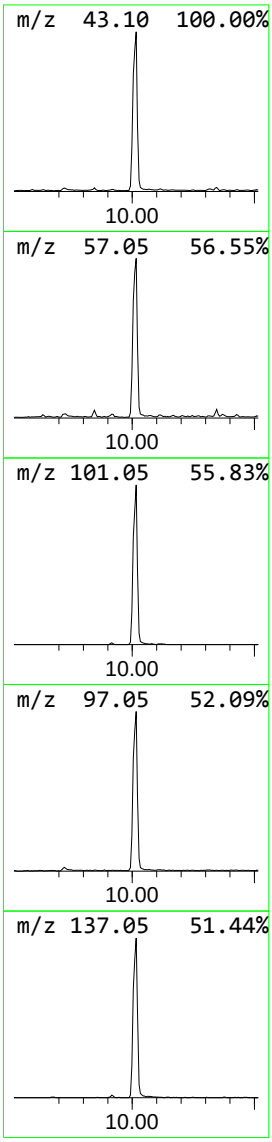
****

Peak Number 5 unknown10.016 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.016	14.66 ng	1107160	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde, 2-butenylhydrazone	112	C6H12N2	075268-07-4	11
2	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	11
3	2-Amino-5-fluorobenzoic acid	155	C7H6FNO2	000446-08-2	11
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	11
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	11





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062424\
Data File : BF138317.D
Acq On : 24 Jun 2024 18:42
Operator : CG\JU
Sample : P2977-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OSTL-D3

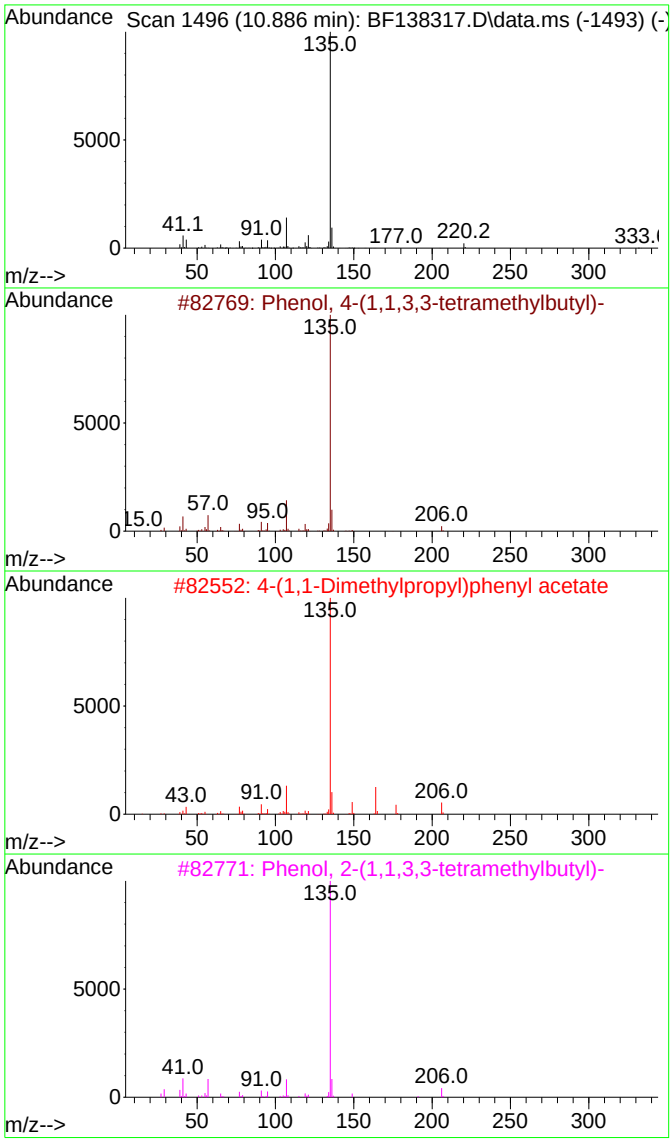
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

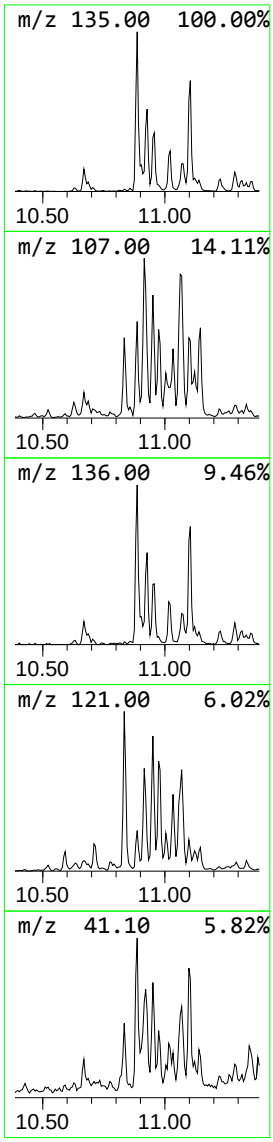
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.886	6.51 ng	430576	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	86
2	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	78
3	Phenol, 2-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	78
4	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	72
5	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	72





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Operator : CG\JU
Sample : P2977-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

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

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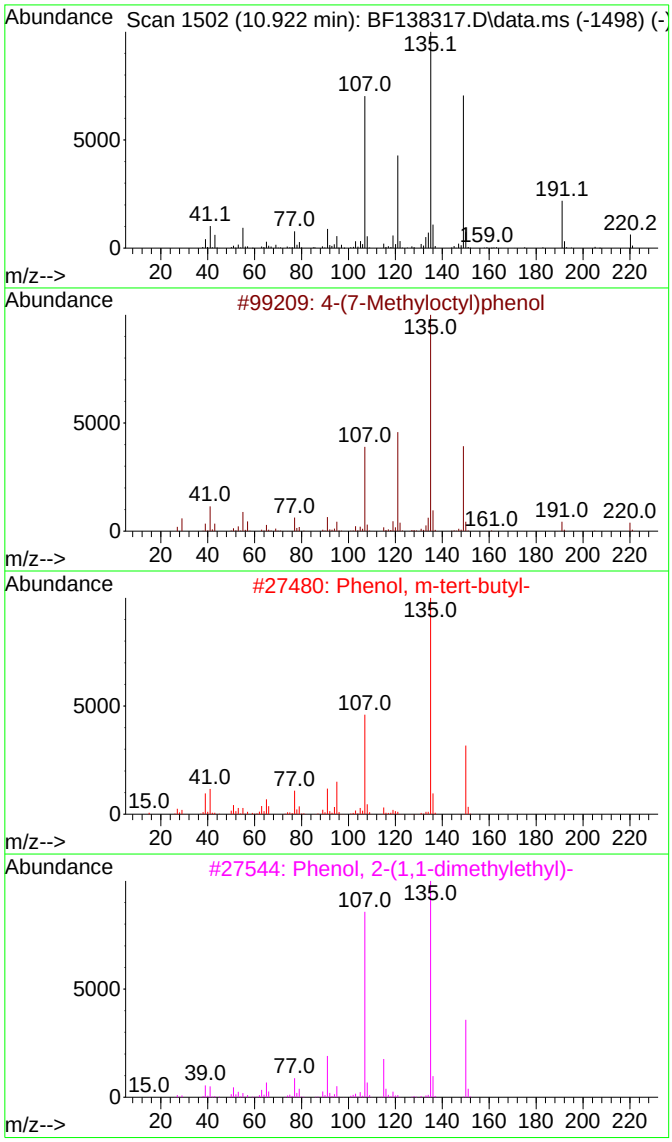
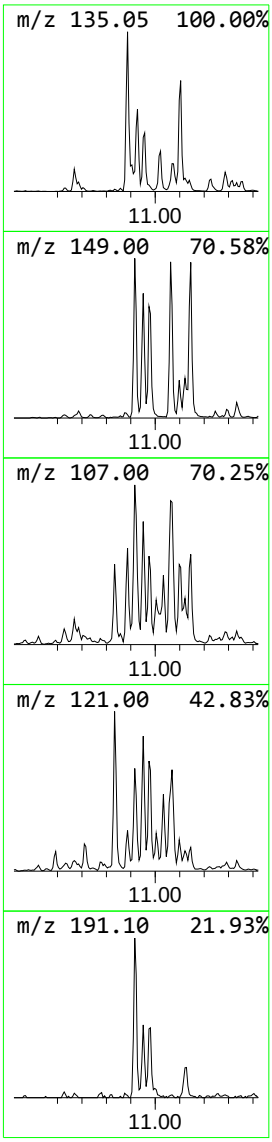
Peak Number 7 4-(7-Methyloctyl)phenol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.922	8.58 ng	567140	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(7-Methyloctyl)phenol	220	C15H24O	024518-48-7	92
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	49
3	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	49
4	(3-Fluorophenyl)carbamic acid, 2...	287	C17H18FNO2	1000305-07-5	47
5	4,6-Bis(4-ethoxybenzylthio)-5-ni...	457	C22H23N3O4S2	325957-76-4	47





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Misc :
ALS Vial : 18 Sample Multiplier: 1

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

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

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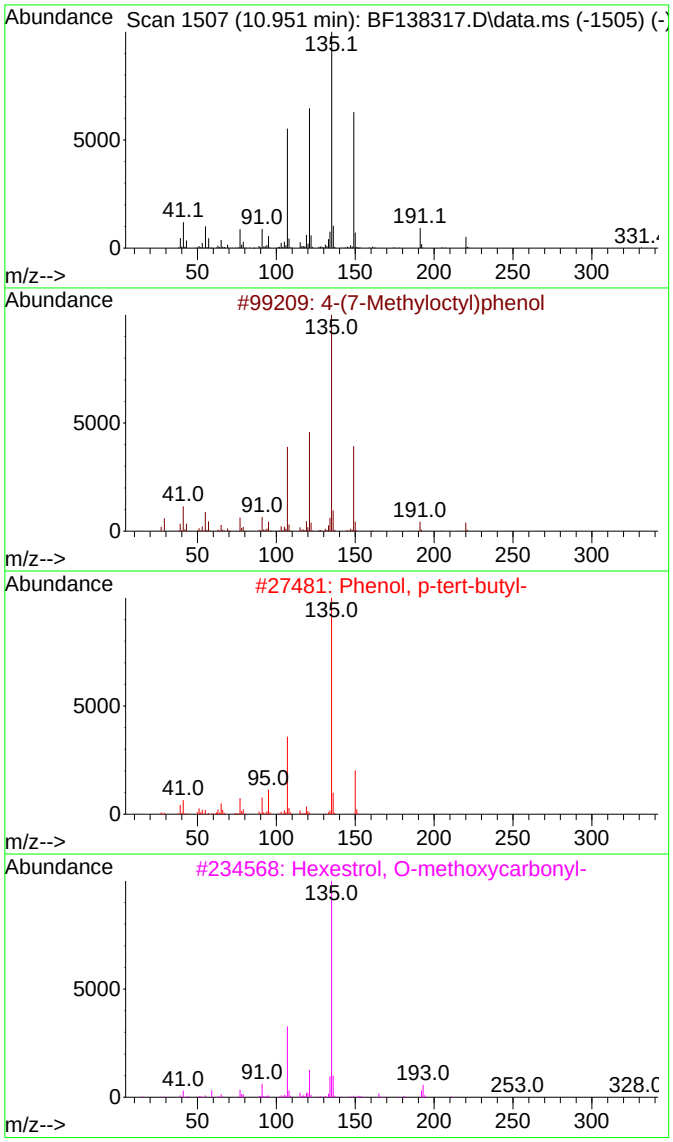
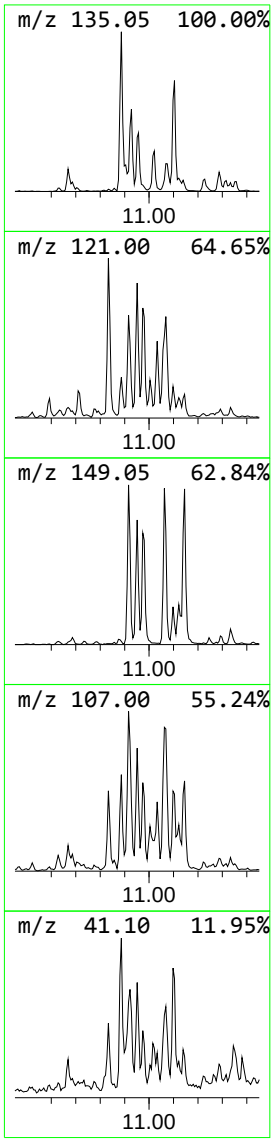
Peak Number 8 Phenol, p-tert-butyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.951	5.44 ng	359533	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(7-Methyloctyl)phenol	220	C15H24O	024518-48-7	97
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	58
3	Hexestrol, O-methoxycarbonyl-	328	C20H24O4	1000487-66-3	53
4	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	52
5	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	50





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Misc :
ALS Vial : 18 Sample Multiplier: 1

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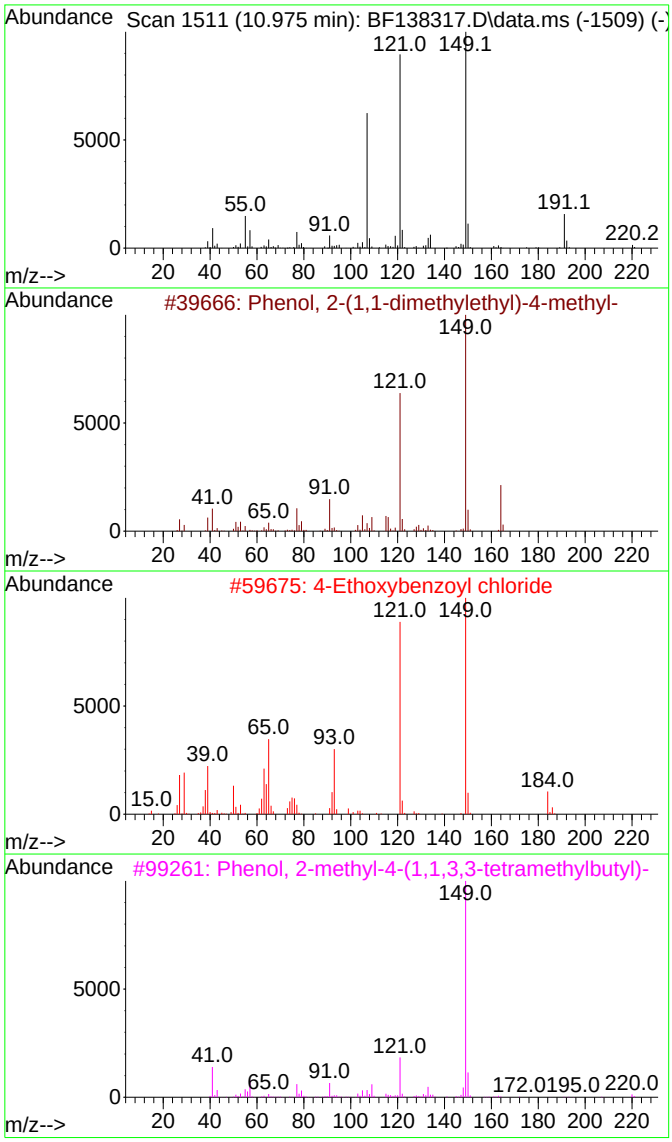
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

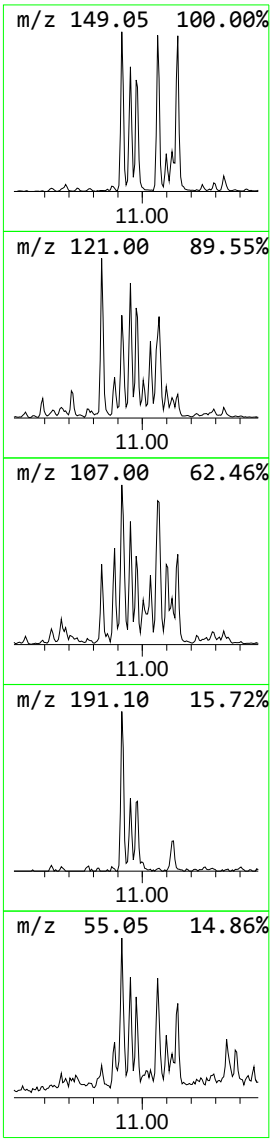
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Phenol, 2-(1,1-dimethylethy... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.975	3.38 ng	223252	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-4-...	164	C11H16O	002409-55-4	59
2	4-Ethoxybenzoyl chloride	184	C9H9ClO2	016331-46-7	53
3	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	38
4	3',4'-Formoxylidide	149	C9H11NO	006639-60-7	35
5	p-Sec-butylphenyl acetate	192	C12H16O2	003245-24-7	30





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OSTL-D3

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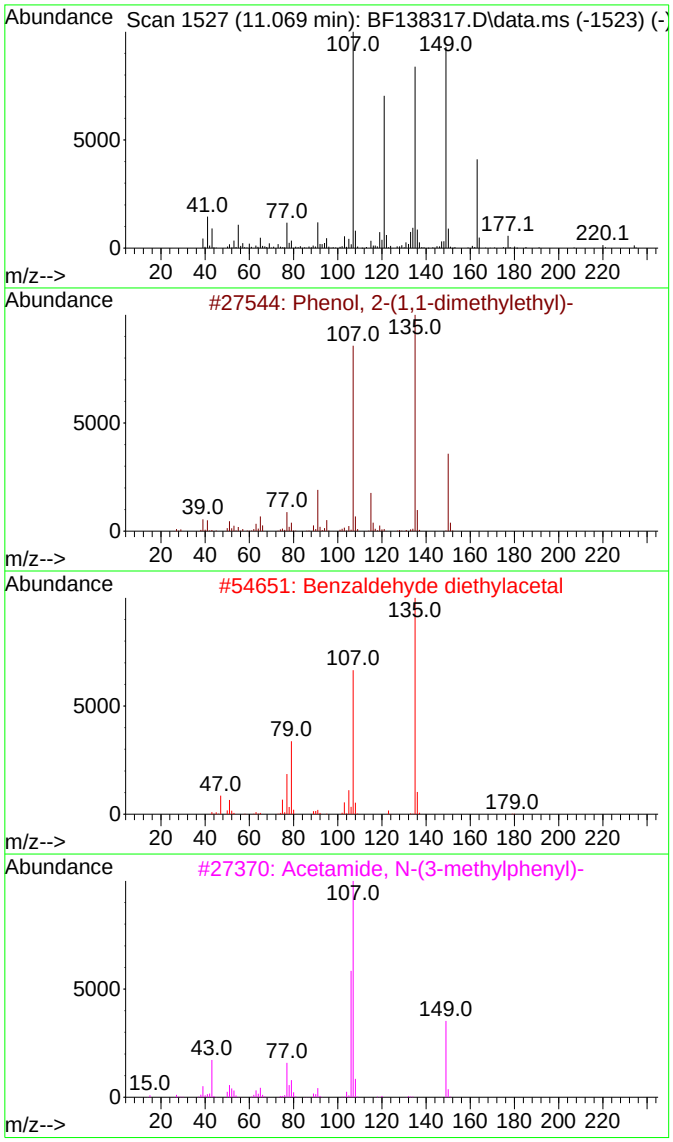
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

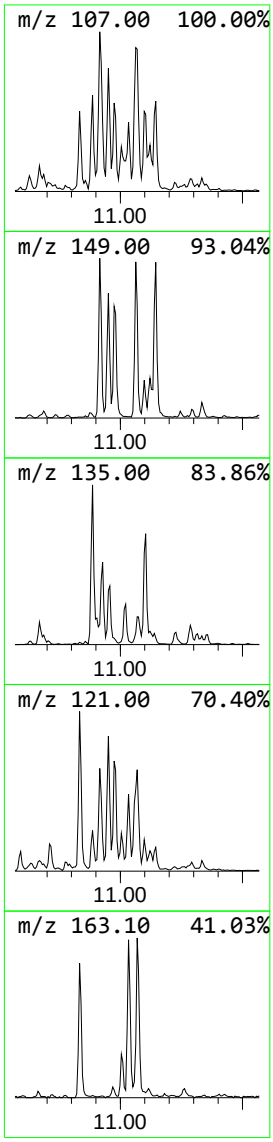
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenol, 2-(1,1-dimethylethyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.069	7.22 ng	477470	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	45
2	Benzaldehyde diethylacetal	180	C11H16O2	000774-48-1	38
3	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	30
4	p-Propionotoluidide	163	C10H13NO	002759-55-9	25
5	1-Isopropenyl-3-propenylcyclopen...	150	C11H18	1000192-81-2	25





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Sample : P2977-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

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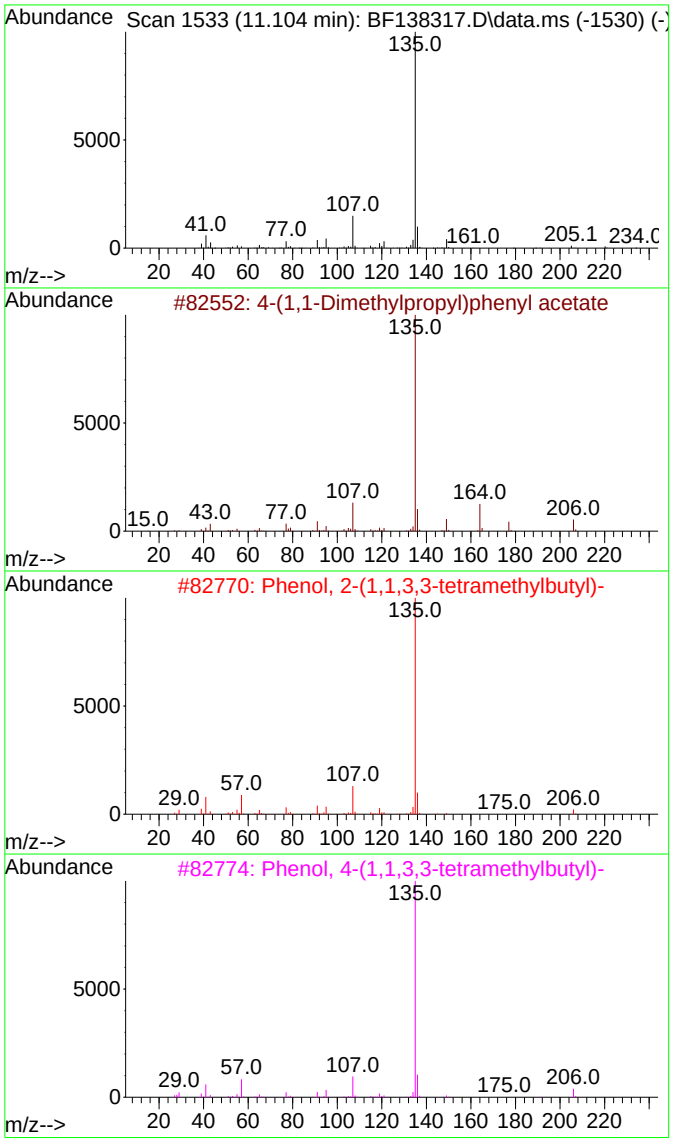
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

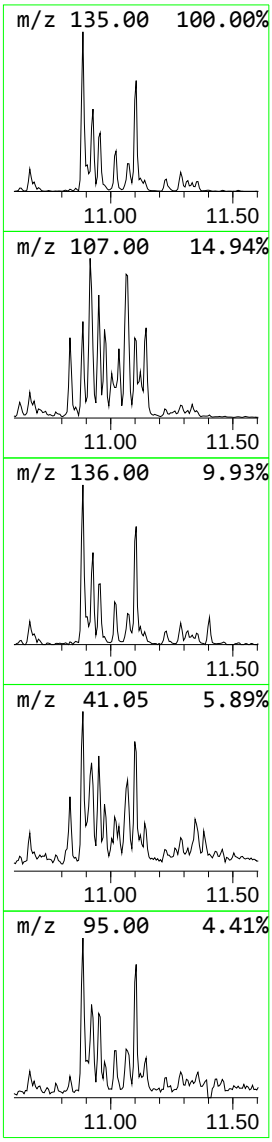
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 4-(1,1-Dimethylpropyl)pheny... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.104	5.68 ng	375523	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	83
2	Phenol, 2-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	78
3	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	72
4	4-tert-Butylphenol, O-(n-propylo...	236	C14H20O3	1000487-25-4	72
5	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	72





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Misc :
ALS Vial : 18 Sample Multiplier: 1

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

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

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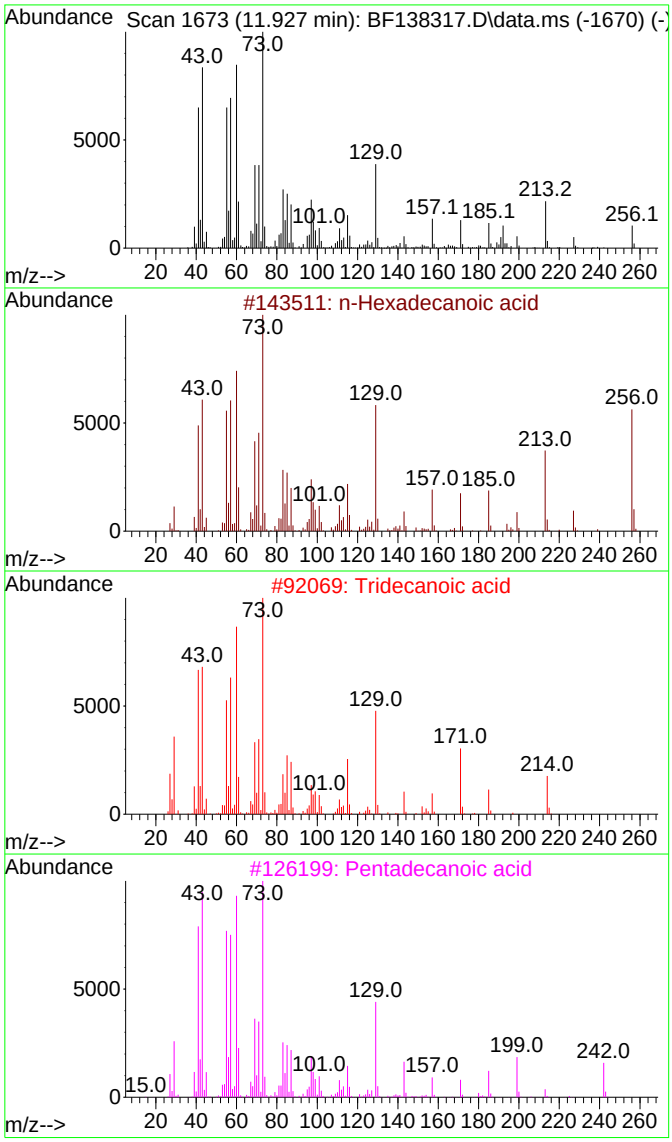
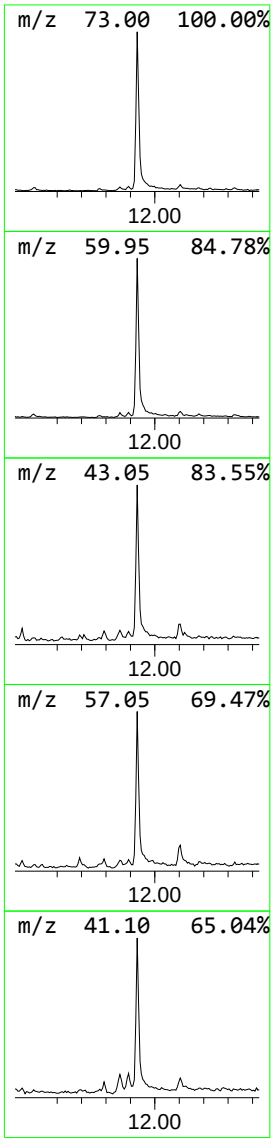
Peak Number 12 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	8.87 ng	586842	Phenanthrene-d10	11.404

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	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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Misc :
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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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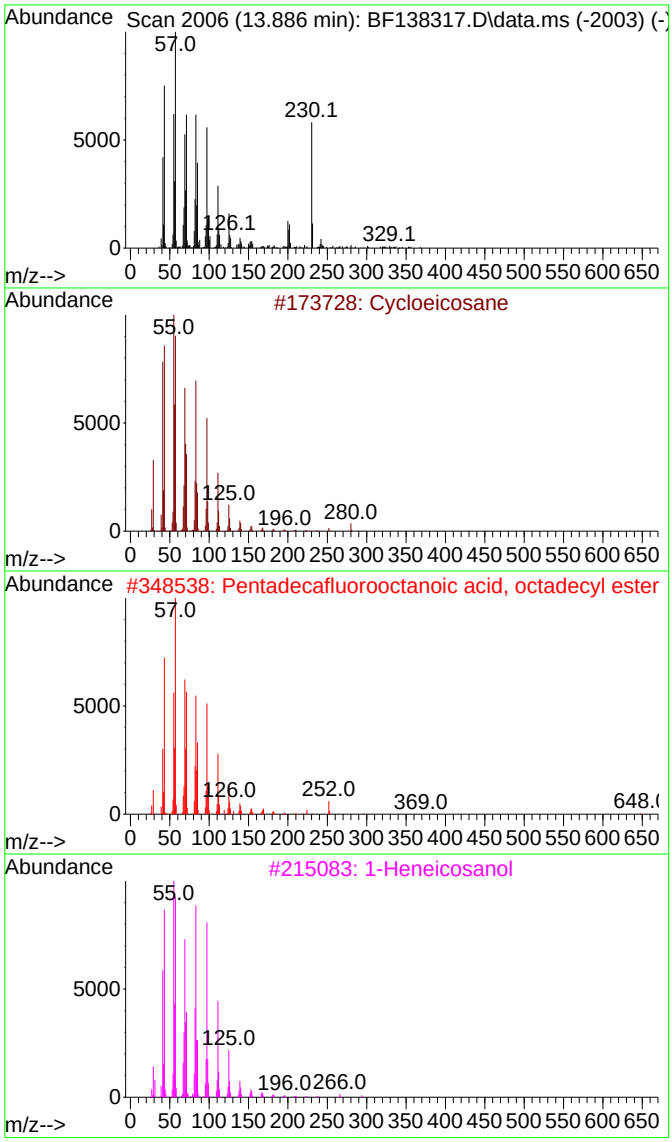
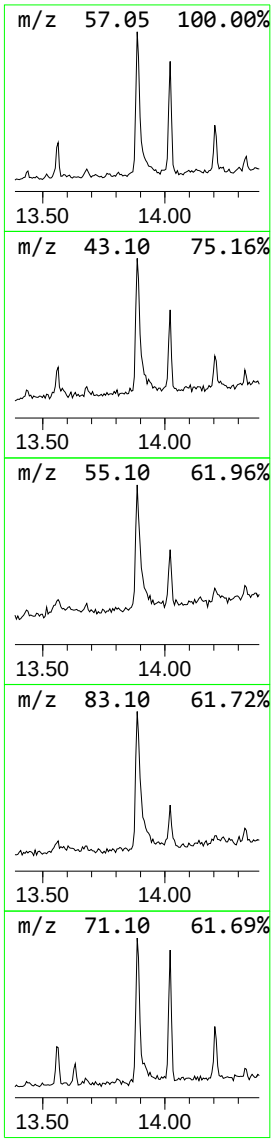
Peak Number 13 Cycloeicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.886	4.61 ng	451623	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	91
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	89
3	1-Heneicosanol	312	C21H44O	015594-90-8	89
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	83
5	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	64





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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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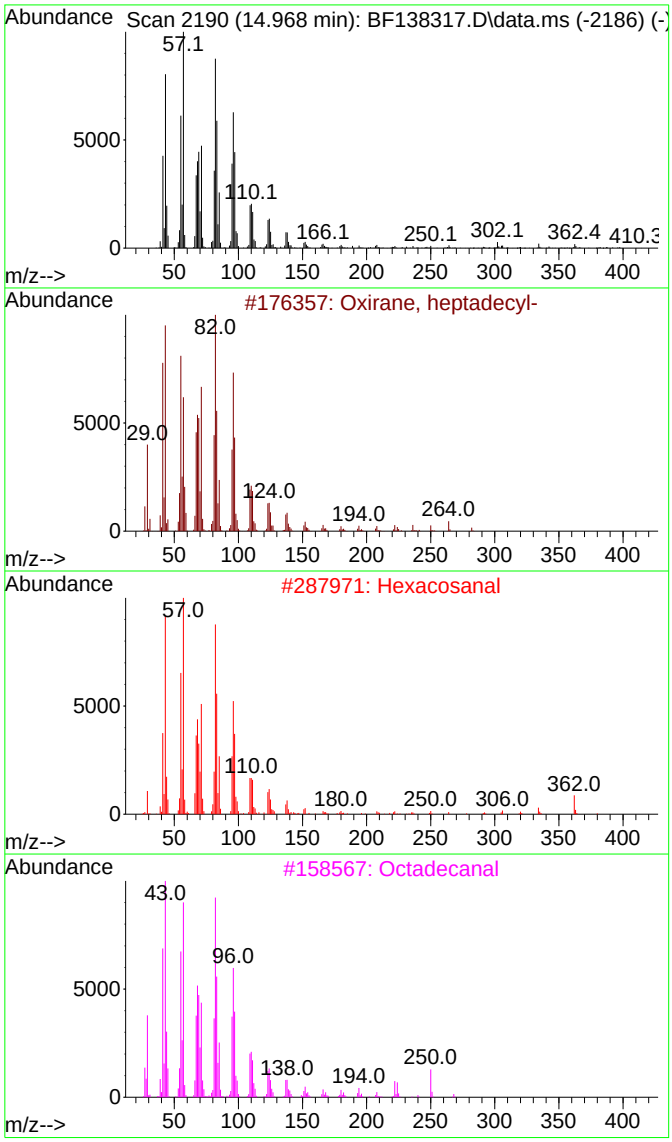
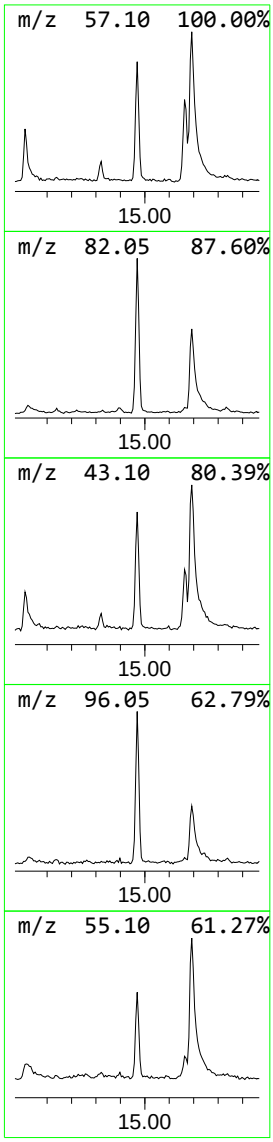
Peak Number 14 Oxirane, heptadecyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.968	15.98 ng	721911	Perylene-d12	15.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	94
2	Hexacosanal	380	C26H52O	026627-85-0	91
3	Octadecanal	268	C18H36O	000638-66-4	91
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5	Docosanal	324	C22H44O	057402-36-5	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

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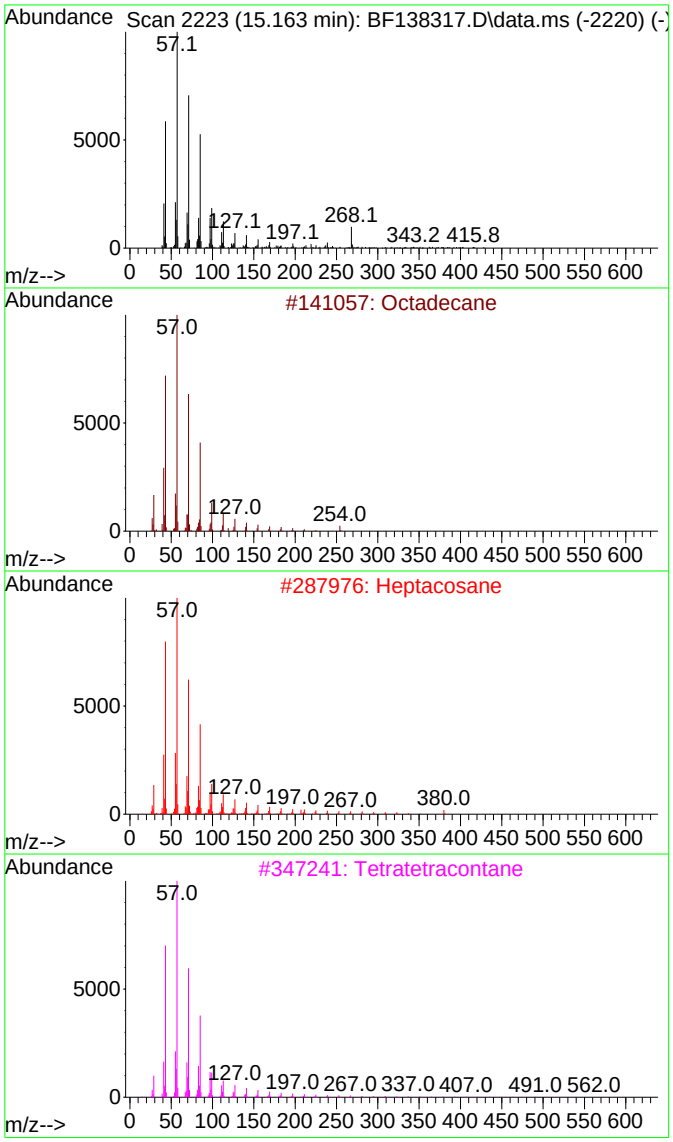
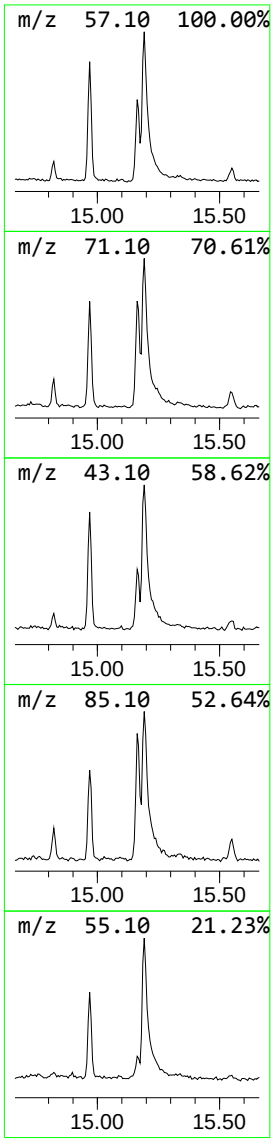
Peak Number 15 Octadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.163	5.63 ng	254280	Perylene-d12	15.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	90
2	Heptacosane	380	C27H56	000593-49-7	87
3	Tetratetracontane	619	C44H90	007098-22-8	87
4	Triacontane	422	C30H62	000638-68-6	87
5	Hexatriacontane	507	C36H74	000630-06-8	83





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

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

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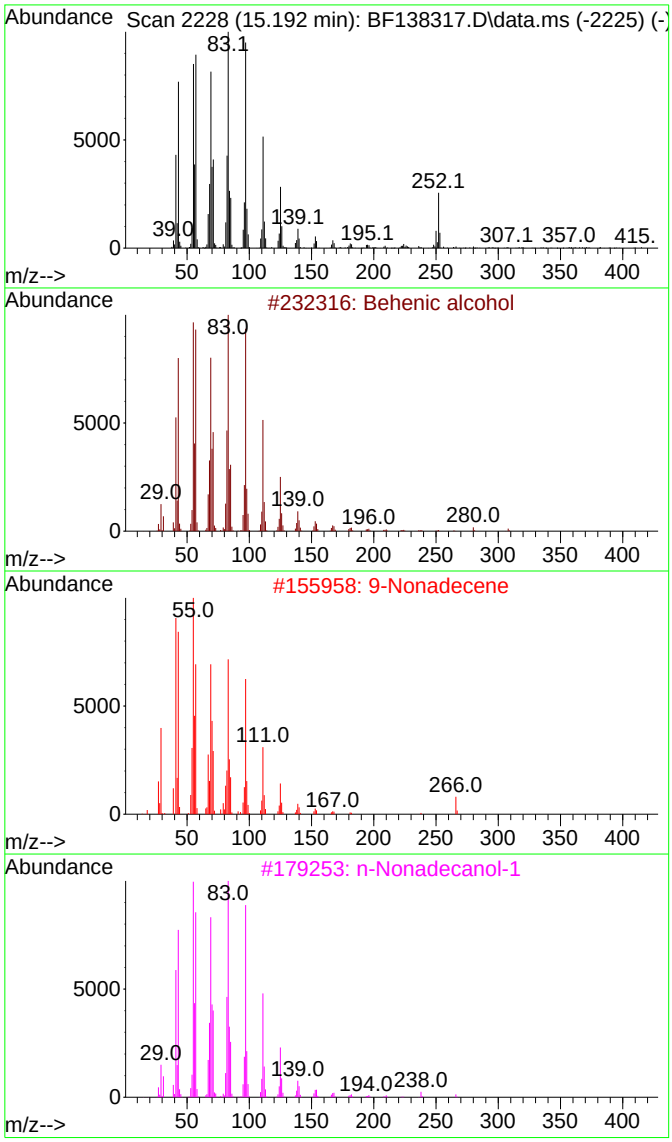
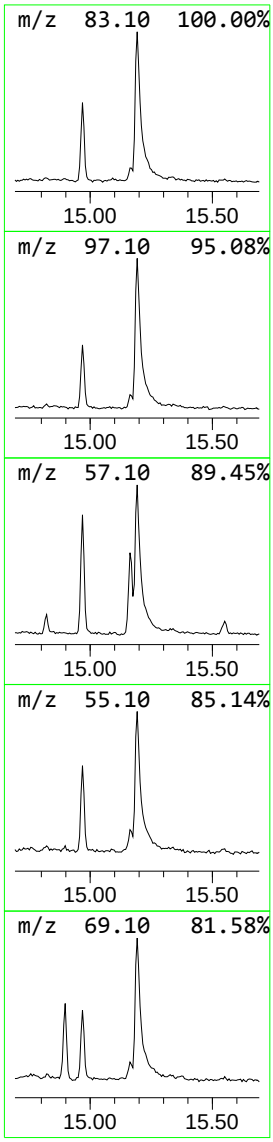
Peak Number 16 Behenic alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.192	31.02 ng	1400860	Perylene-d12	15.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	94
2	9-Nonadecene	266	C19H38	031035-07-1	93
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





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

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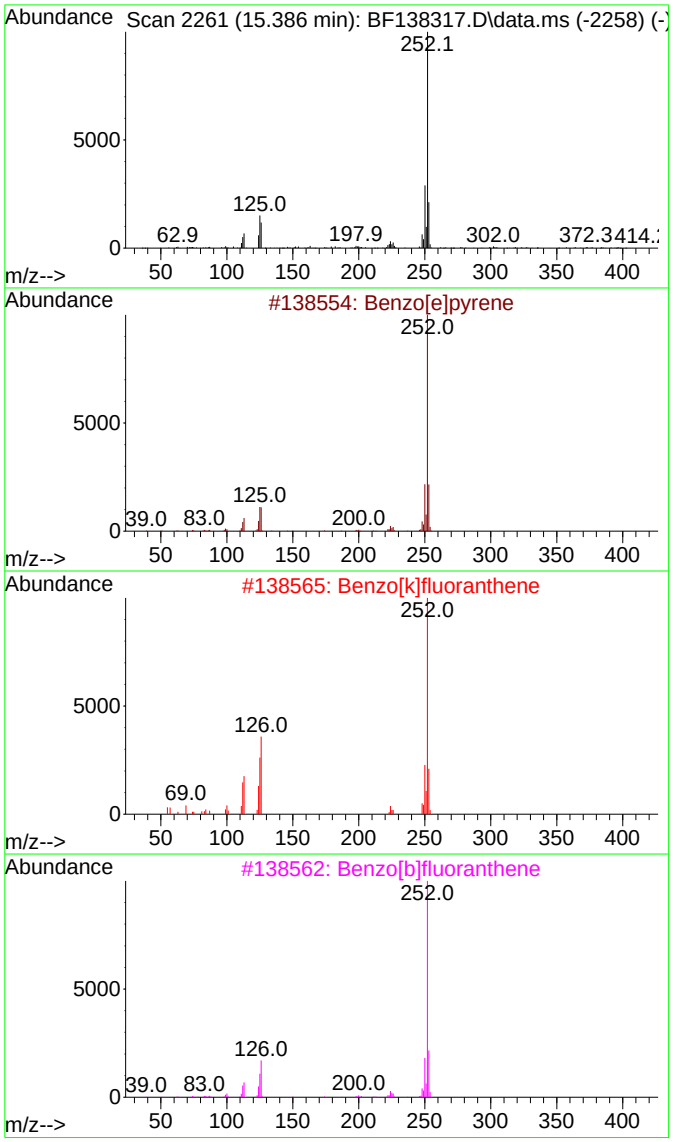
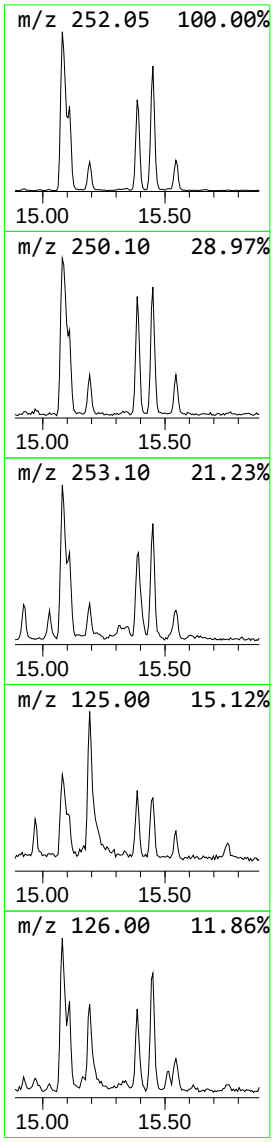
Peak Number 17 Benzo[e]pyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.386	4.41 ng	199144	Perylene-d12	15.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	94
5	Perylene	252	C20H12	000198-55-0	89





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ALS Vial : 18 Sample Multiplier: 1

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

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

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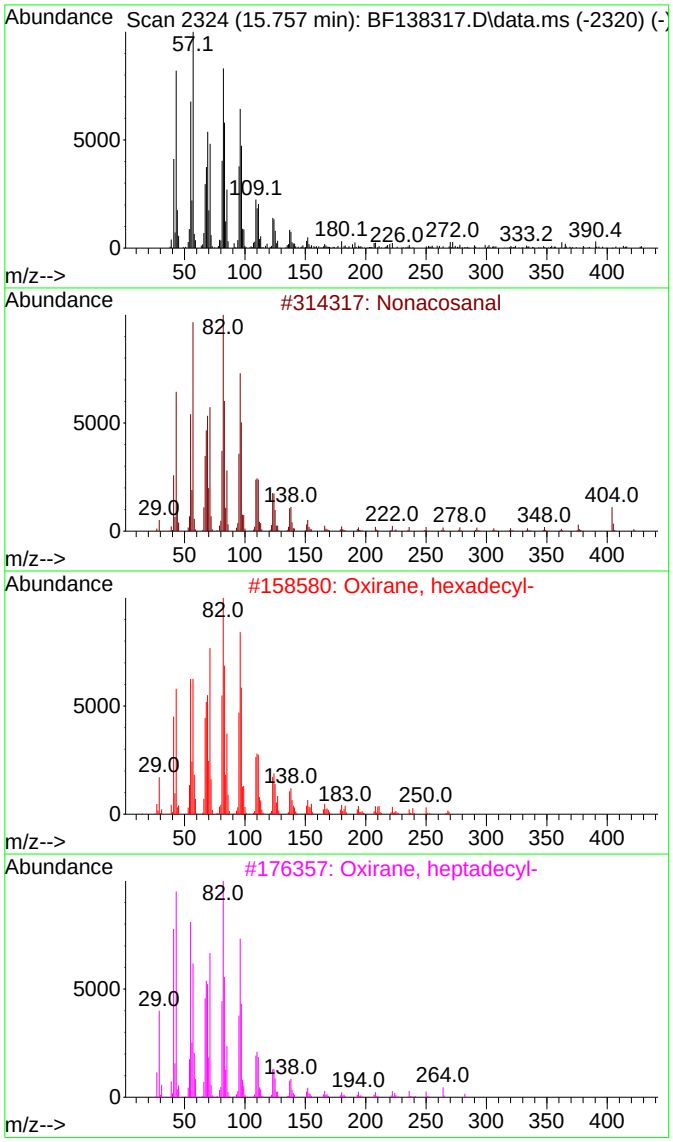
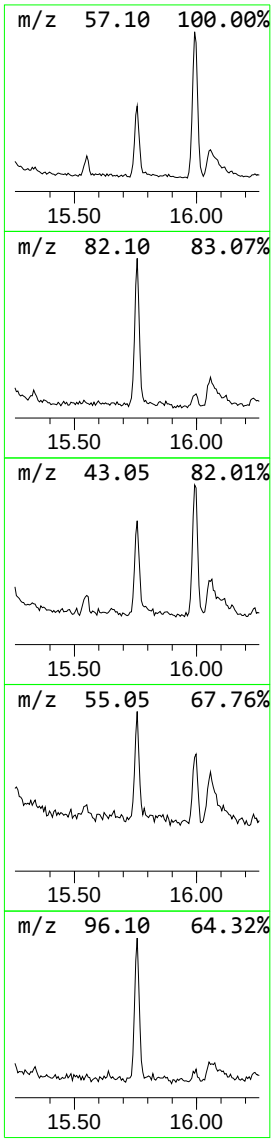
Peak Number 18 Nonacosanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.757	7.65 ng	345660	Perylene-d12	15.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacosanal	422	C29H58O	072934-04-4	95
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
4	Pentacosanal	366	C25H50O	058196-28-4	91
5	Octadecanal	268	C18H36O	000638-66-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062424\
Data File : BF138317.D
Acq On : 24 Jun 2024 18:42
Operator : CG\JU
Sample : P2977-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OSTL-D3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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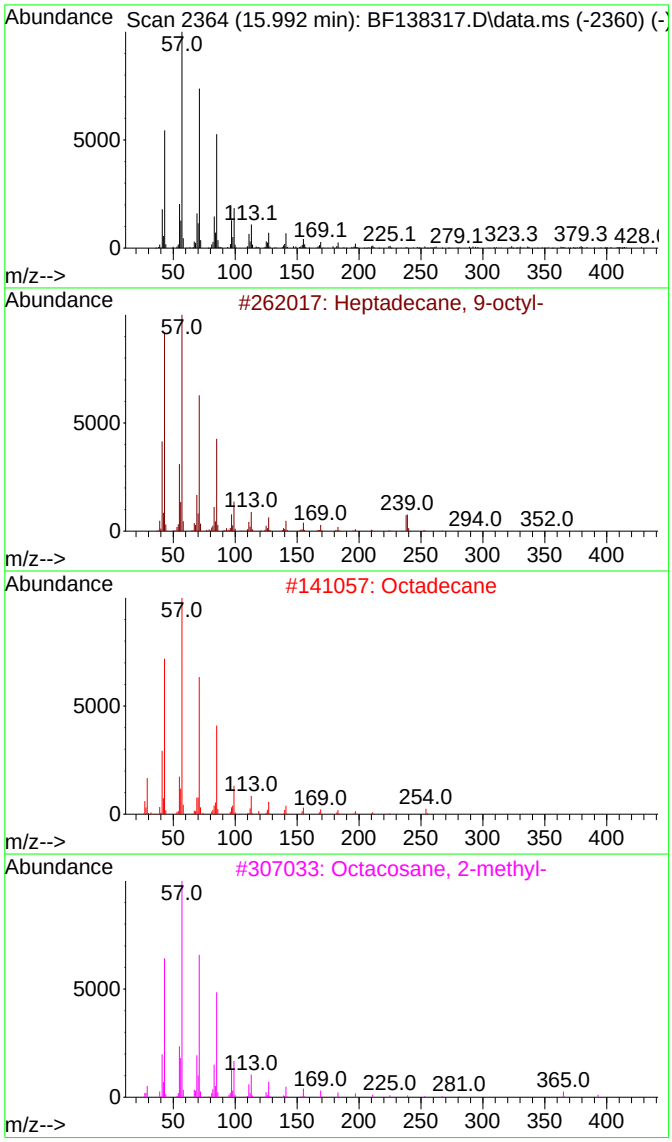
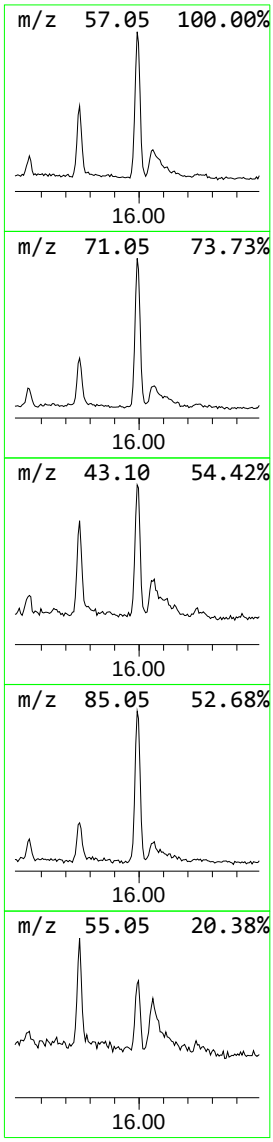
Peak Number 19 Heptadecane, 9-octyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.992	8.23 ng	371778	Perylene-d12	15.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2	Octadecane	254	C18H38	000593-45-3	94
3	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Hexacosane	366	C26H54	000630-01-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062424\
Data File : BF138317.D
Acq On : 24 Jun 2024 18:42
Operator : CG\JU
Sample : P2977-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OSTL-D3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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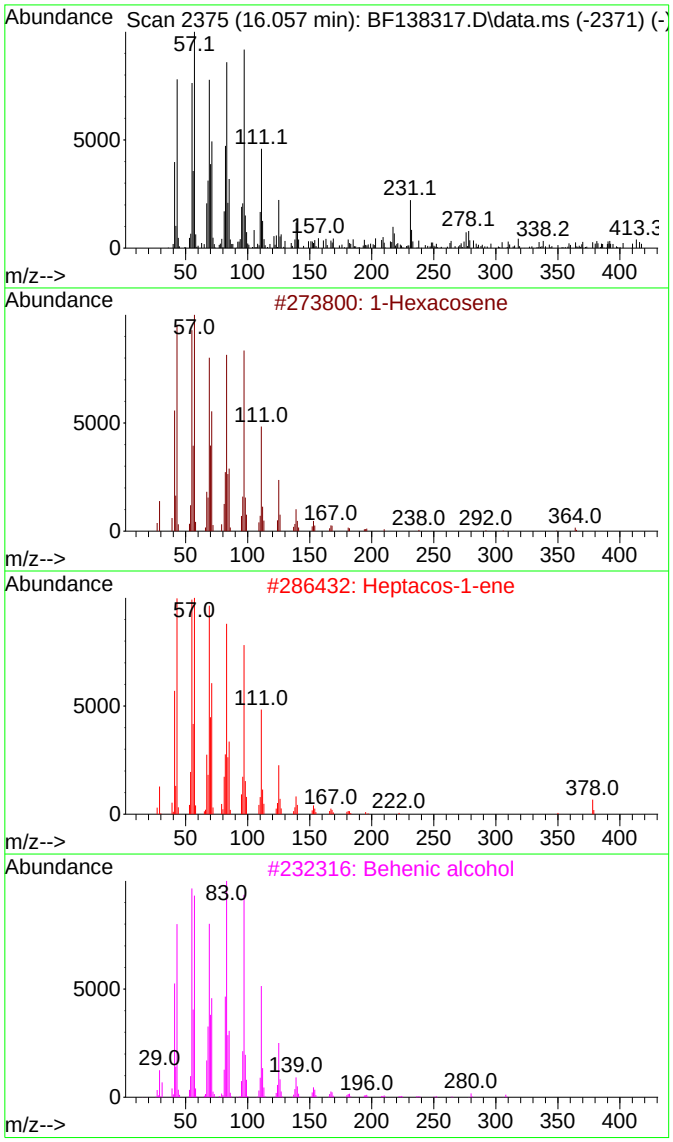
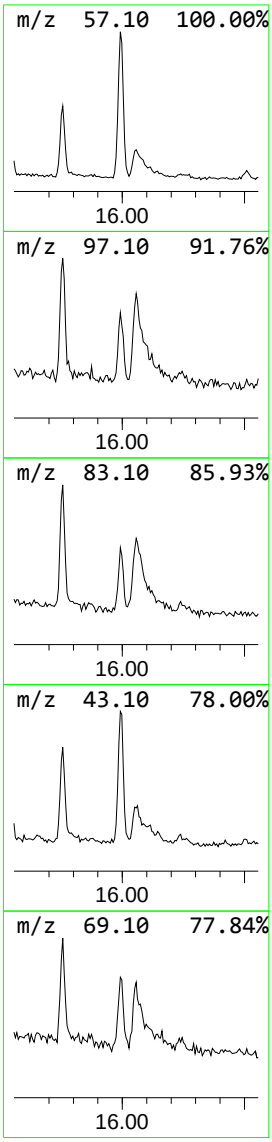
Peak Number 20 1-Hexacosene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.057	5.74 ng	259137	Perylene-d12	15.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	95
2	Heptacos-1-ene	378	C27H54	015306-27-1	95
3	Behenic alcohol	326	C22H46O	000661-19-8	93
4	1-Heptacosanol	396	C27H56O	002004-39-9	93
5	Pentacos-1-ene	350	C25H50	016980-85-1	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062424\
Data File : BF138317.D
Acq On : 24 Jun 2024 18:42
Operator : CG\JU
Sample : P2977-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OSTL-D3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.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
Butane, 2-metho...	2.163	36.9	ng	2402030	1	6.887	1301480	20.0
Propylene Glycol	3.387	4.7	ng	305794	1	6.887	1301480	20.0
2-Pentanone, 4-...	5.098	3.3	ng	211433	1	6.887	1301480	20.0
1-Phenoxypropan...	8.475	3.6	ng	285200	2	8.163	1573820	20.0
unknown10.016	10.016	14.7	ng	1107160	3	9.916	1510540	20.0
Phenol, 4-(1,1,...	10.886	6.5	ng	430576	4	11.404	1322620	20.0
4-(7-Methylocty...	10.922	8.6	ng	567140	4	11.404	1322620	20.0
Phenol, p-tert-...	10.951	5.4	ng	359533	4	11.404	1322620	20.0
Phenol, 2-(1,1-...	10.975	3.4	ng	223252	4	11.404	1322620	20.0
Phenol, 2-(1,1-...	11.069	7.2	ng	477470	4	11.404	1322620	20.0
4-(1,1-Dimethyl...	11.104	5.7	ng	375523	4	11.404	1322620	20.0
n-Hexadecanoic ...	11.927	8.9	ng	586842	4	11.404	1322620	20.0
Cycloeicosane	13.886	4.6	ng	451623	5	14.039	1958170	20.0
Oxirane, heptad...	14.968	16.0	ng	721911	6	15.515	903295	20.0
Octadecane	15.163	5.6	ng	254280	6	15.515	903295	20.0
Behenic alcohol	15.192	31.0	ng	1400860	6	15.515	903295	20.0
Benzo[e]pyrene	15.386	4.4	ng	199144	6	15.515	903295	20.0
Nonacosanal	15.757	7.7	ng	345660	6	15.515	903295	20.0
Heptadecane, 9-...	15.992	8.2	ng	371778	6	15.515	903295	20.0
1-Hexacosene	16.057	5.7	ng	259137	6	15.515	903295	20.0