LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
Data File : BF110007.D
Acq On : 19 Oct 2018 17:21
Operator : JU/SJ
Sample : J5538-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TKABCD

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-BF101518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.140	4	9	16	rVB	1099406	1924419	14.84%	2.826%
2	2.352	37	45	51	rVB	2683869	3555163	27.41%	5.221%
3	3.599	252	257	268	rBV2	139760	232607	1.79%	0.342%
4	5.469	571	575	579	rBV2	300268	273890	2.11%	0.402%
5	5.587	591	595	599	rVB	2499826	2507504	19.34%	3.683%
6	5.816	630	634	643	rBV2	1313212	1229518	9.48%	1.806%
7	6.581	760	764	770	rBV2	1636597	2033759	15.68%	2.987%
8	6.740	783	791	794	rBV2	4099049	4693588	36.19%	6.893%
9	6.969	826	830	833	rBV	1598200	1336205	10.30%	1.962%
10	7.016	833	838	847	rVB	201251	196763	1.52%	0.289%
11	7.128	853	857	860	rVB	4130148	3862341	29.78%	5.672%
12	7.369	893	898	900	rVB2	129220	162426	1.25%	0.239%
13	7.534	919	926	929	rBV	3004612	3206177	24.72%	4.709%
14	7.940	991	995	998	rVB2	145826	146305	1.13%	0.215%
15	8.251	1043	1048	1051	rBV	2005908	1733612	13.37%	2.546%
16	8.651	1110	1116	1119	rBV2	128181	200287	1.54%	0.294%
17	8.681	1119	1121	1126	rVB2	131163	138384	1.07%	0.203%
18	9.328	1225	1231	1234	rBV	6055979	5526344	42.61%	8.116%
19	9.428	1245	1248	1252	rBV2	132006	151483	1.17%	0.222%
20	9.716	1291	1297	1300	rBV	744124	607977	4.69%	0.893%
21	10.010	1341	1347	1351	rBV2	2141448	1867505	14.40%	2.743%
22	10.569	1438	1442	1446	rVB	139324	146850	1.13%	0.216%
23	10.639	1446	1454	1458	rBV	8115584	12968314	100.00%	19.046%
24	10.710	1463	1466	1469	rVB	951745	587604	4.53%	0.863%
25	10.816	1477	1484	1486	rBV	1861684	2564704	19.78%	3.767%
26	10.833	1486	1487	1491	rVV	1586143	922942	7.12%	1.355%
27	10.898	1495	1498	1509	rVB2	84307	135585	1.05%	0.199%
28	11.504	1596	1601	1604	rBV	2084823	1816530	14.01%	2.668%
29	11.698	1631	1634	1638	rVV2	308835	344762	2.66%	0.506%
30	11.769	1642	1646	1652	rVB2	382681	413781	3.19%	0.608%
31	12.010	1682	1687	1691	rBV	489832	508812	3.92%	0.747%
32	12.792	1818	1820	1826	rVB2	132965	173452	1.34%	0.255%
33	12.851	1827	1830	1836	rVB	187993	219215	1.69%	0.322%
34	12.963	1845	1849	1853	rBV	518829	427663	3.30%	0.628%

LSC Area Percent Report

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Acq On : 19 Oct 2018 17:21
Operator : JU/SJ
Sample : J5538-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TKABCD

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-BF101518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.086	1865	1870	1874	rBV	4631667	4593560	35.42%	6.746%
36	13.857	1998	2001	2006	rBV	141034	139760	1.08%	0.205%
37	13.963	2016	2019	2024	rBV	564411	521549	4.02%	0.766%
38	14.110	2040	2044	2046	rBV	311422	259784	2.00%	0.382%
39	14.145	2046	2050	2053	rVB	1490410	1269093	9.79%	1.864%
40	14.592	2123	2126	2134	rVB	160501	196328	1.51%	0.288%
41	14.751	2150	2153	2163	rVB2	108503	139723	1.08%	0.205%
42	14.916	2177	2181	2184	rBV	181333	180555	1.39%	0.265%
43	14.992	2190	2194	2199	rVB	549411	590952	4.56%	0.868%
44	15.268	2236	2241	2248	rBV	250551	311390	2.40%	0.457%
45	15.668	2303	2309	2316	rBV2	1025221	1370433	10.57%	2.013%
46	16.133	2382	2388	2393	rBV	249377	402455	3.10%	0.591%
47	16.668	2474	2479	2484	rBV	130557	251453	1.94%	0.369%
48	16.951	2521	2527	2537	rVB	183827	373084	2.88%	0.548%
49	17.304	2581	2587	2594	rBV3	59673	139946	1.08%	0.206%
50	17.539	2619	2627	2636	rVB	246751	533194	4.11%	0.783%

Sum of corrected areas: 68089730

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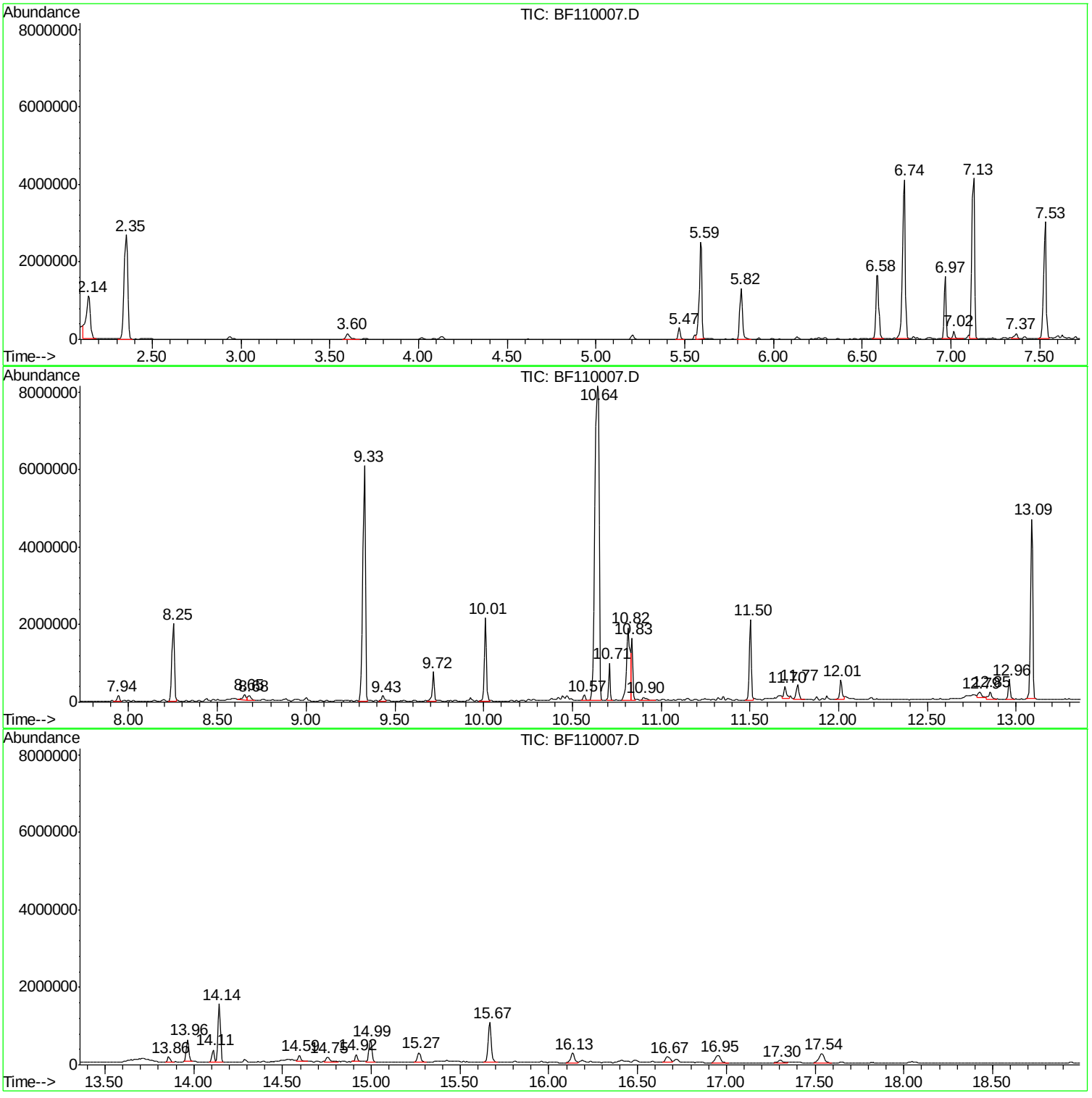
Instrument :
BNA_F
ClientSampleId :
TKABCD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
Data File : BF110007.D
Acq On : 19 Oct 2018 17:21
Operator : JU/SJ
Sample : J5538-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TKABCD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

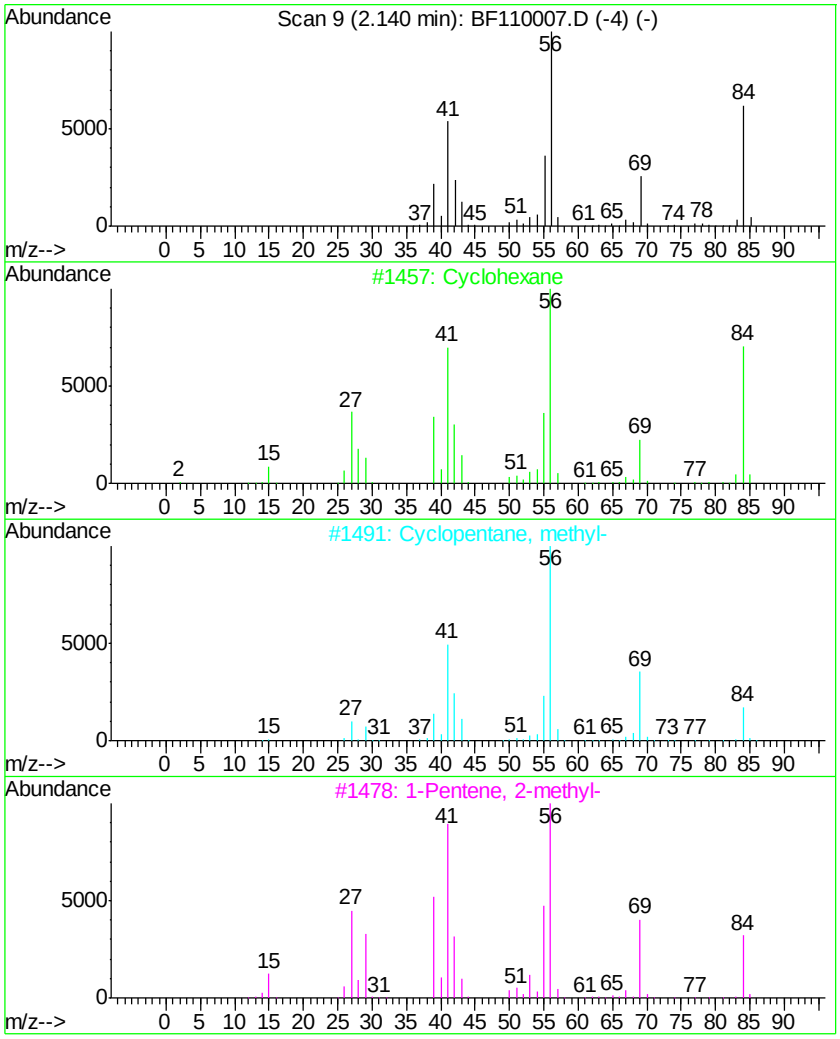
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

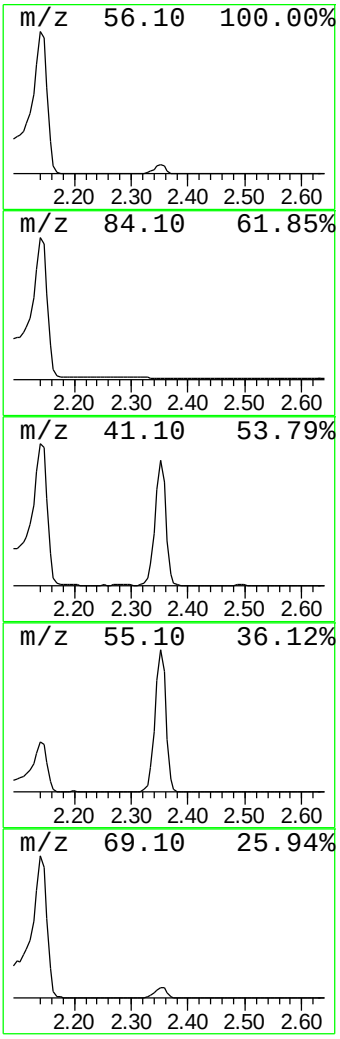
****

Peak Number 1 Cyclohexane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.14	28.80 ng	1924420	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	78
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	56
4	1-Butanol	74	C4H10O	000071-36-3	47
5	2-Pentene, 2-methyl-	84	C6H12	000625-27-4	43





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Sample : J5538-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TKABCD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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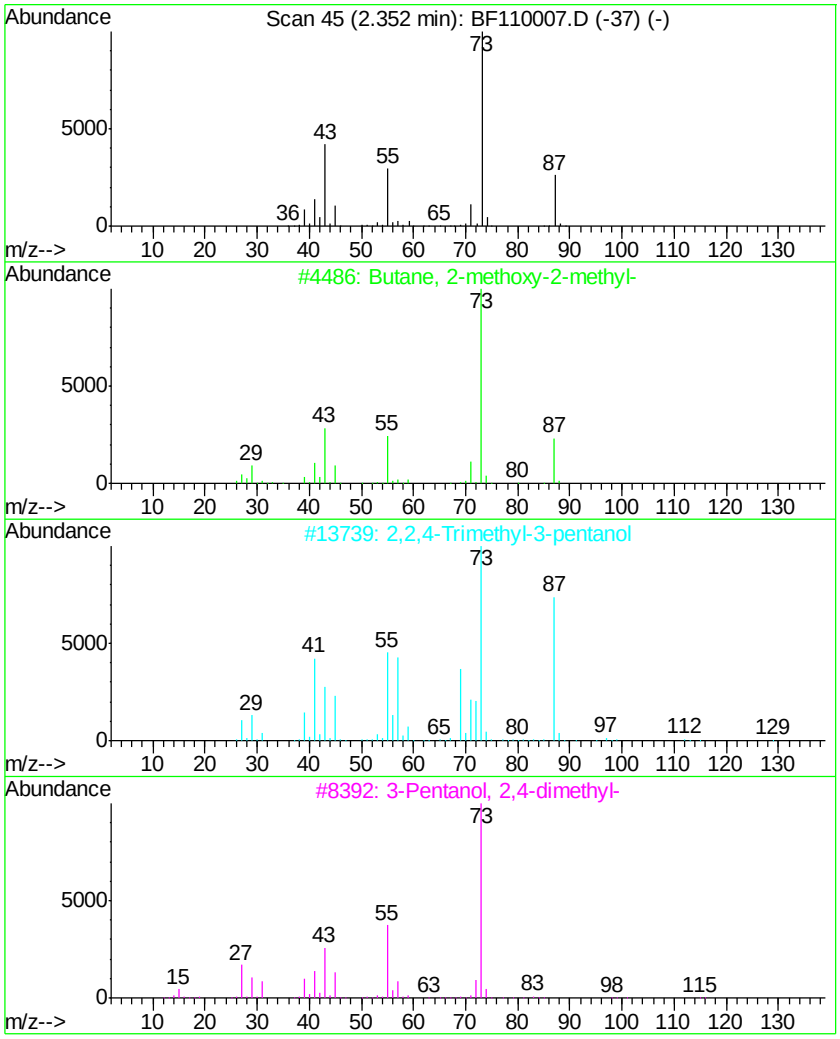
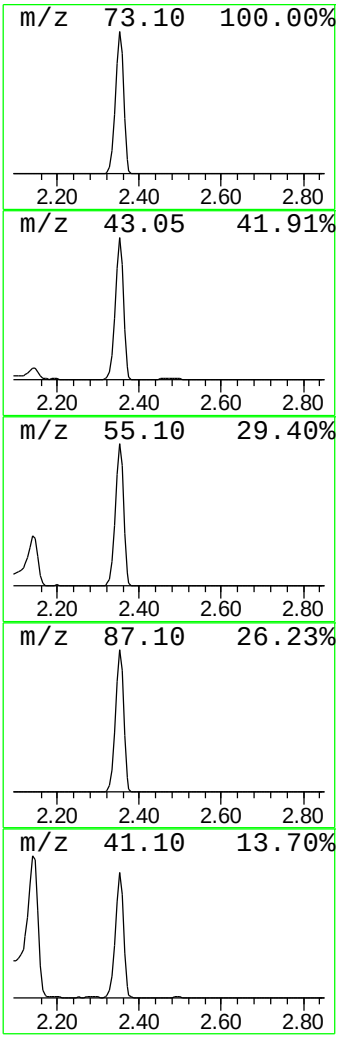
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.35	53.21 ng	3555160	1,4-Dichlorobenzene-d4	6.97

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	40
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
Data File : BF110007.D
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Operator : JU/SJ
Sample : J5538-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TKABCD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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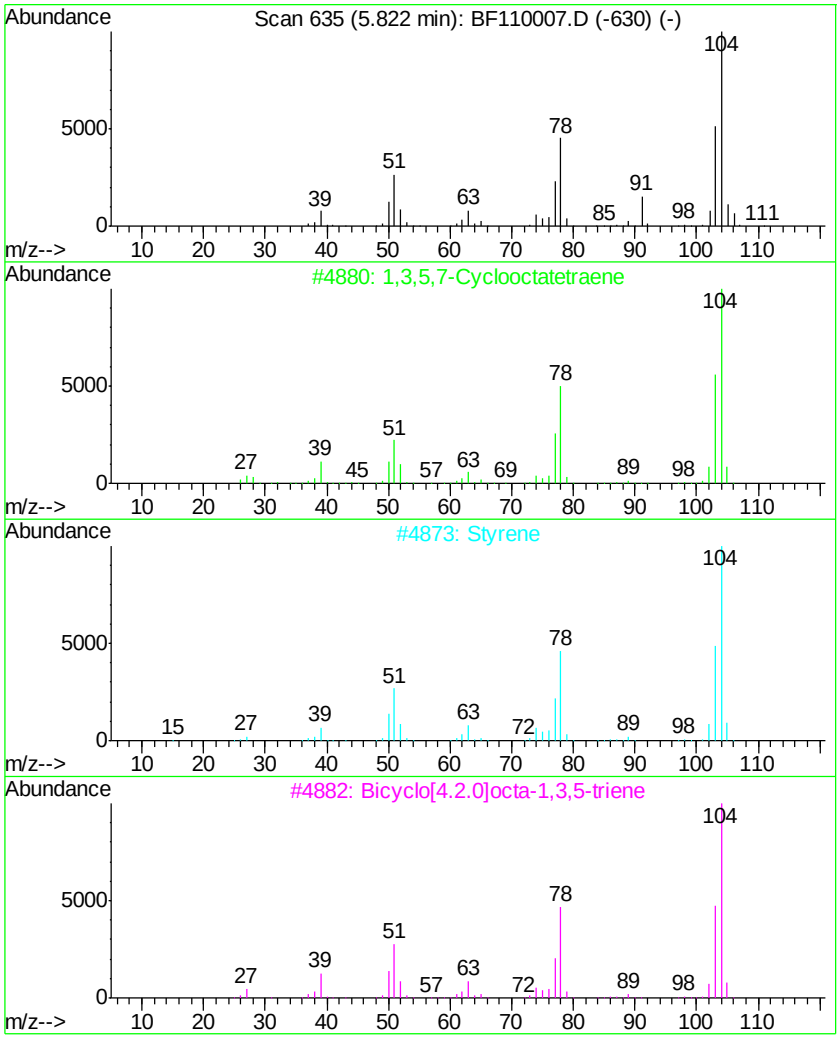
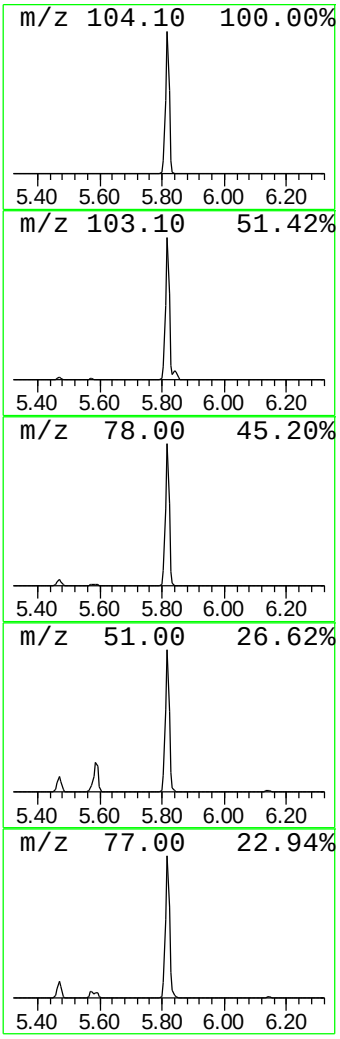
Peak Number 5 1,3,5,7-Cyclooctatetraene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	18.40 ng	1229520	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	97
2	Styrene	104	C8H8	000100-42-5	96
3	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	96
4	Butanedioic acid, phenyl-	194	C10H10O4	000635-51-8	35
5	1,3,7-Octatrien-5-yne	104	C8H8	016607-77-5	25





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TKABCD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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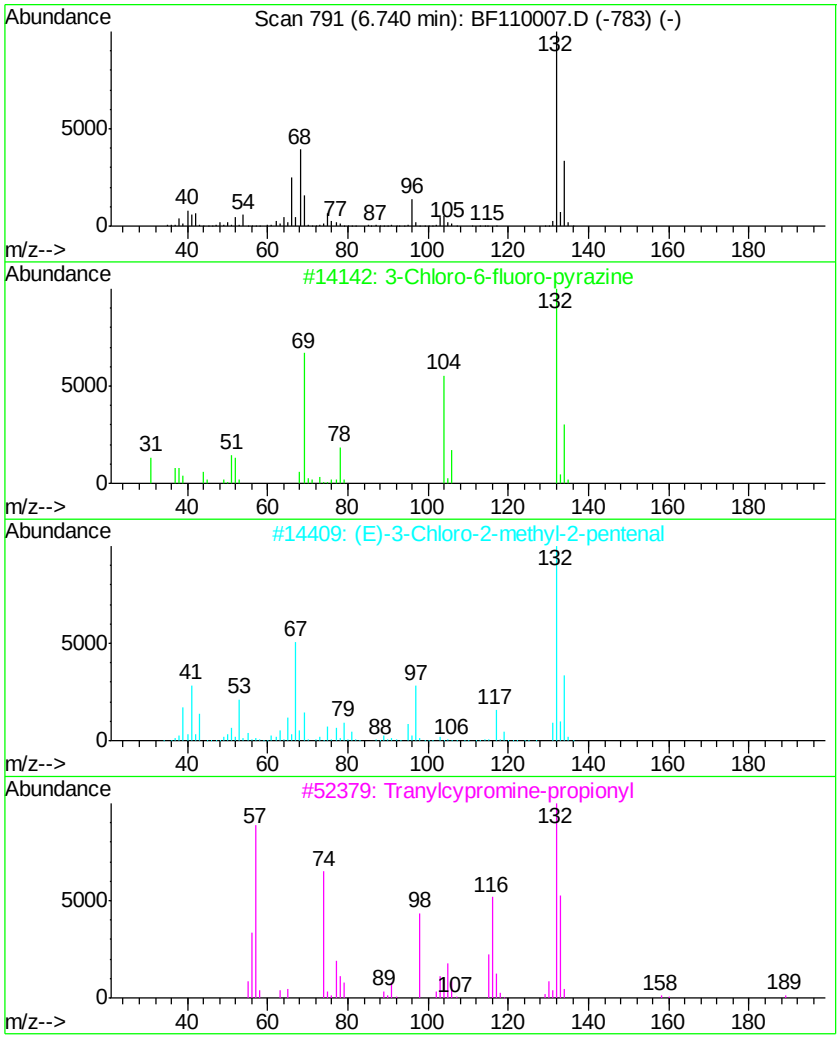
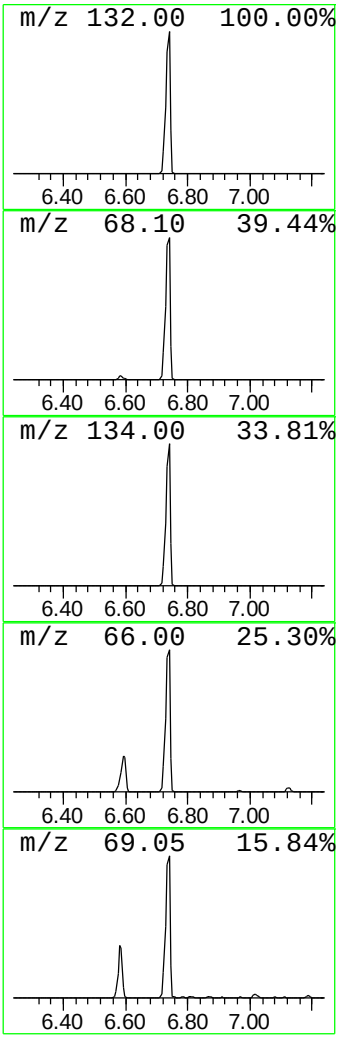
Peak Number 6 unknown6.74 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	70.25 ng	4693590	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Misc :
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Instrument : BNA_F
ClientSampleId : TKABCD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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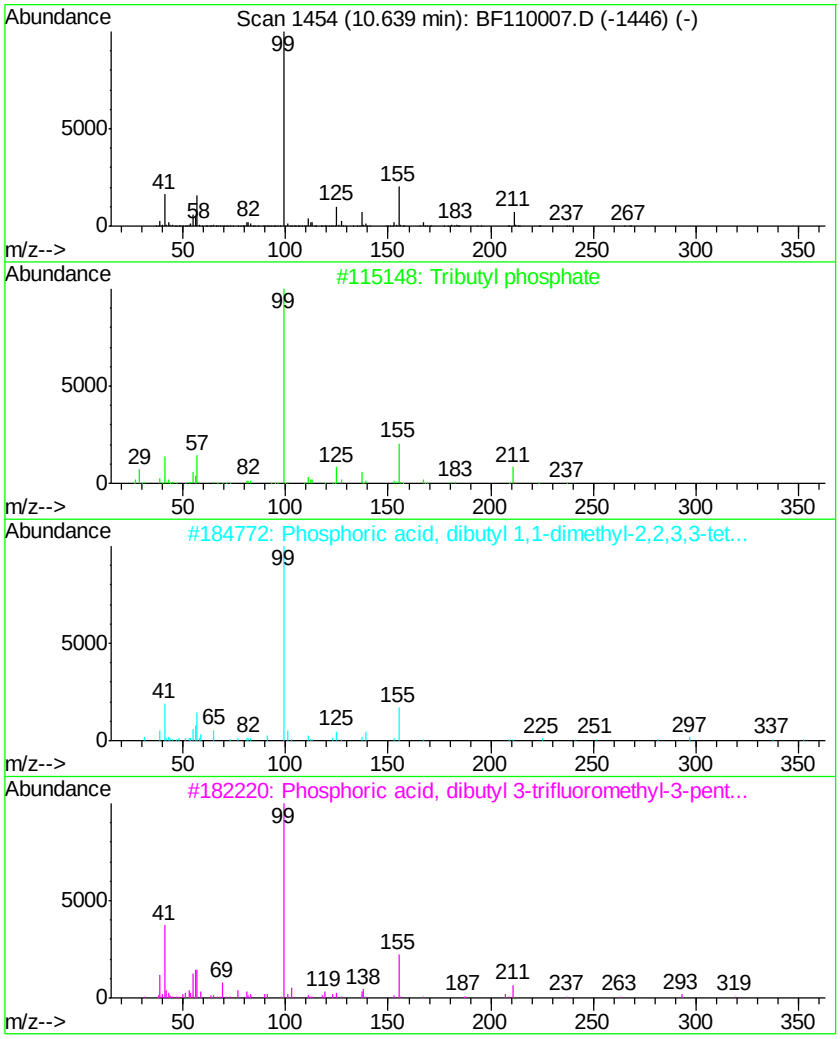
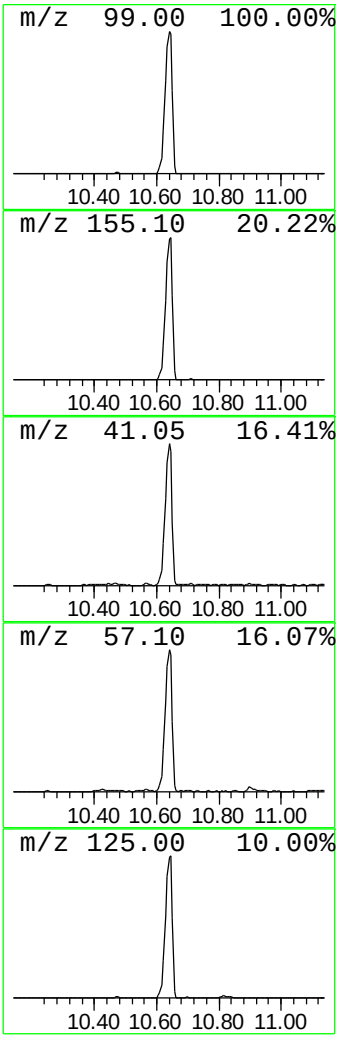
Peak Number 8 Tributyl phosphate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	138.88 ng	12968300	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tributyl phosphate	266	C12H27O4P	000126-73-8	91
2	Phosphoric acid, dibutyl 1,1-dim...	352	C13H25F4O4P	1000298-93-9	78
3	Phosphoric acid, dibutyl 3-trifl...	348	C14H28F3O4P	1000298-93-8	40
4	Bis(2-ethylhexyl)hydrogen phosphate	322	C16H35O4P	000298-07-7	33
5	3-Hydroxy-2,3,4,4-tetramethyl-pe...	202	C11H22O3	1000194-64-5	25





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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TKABCD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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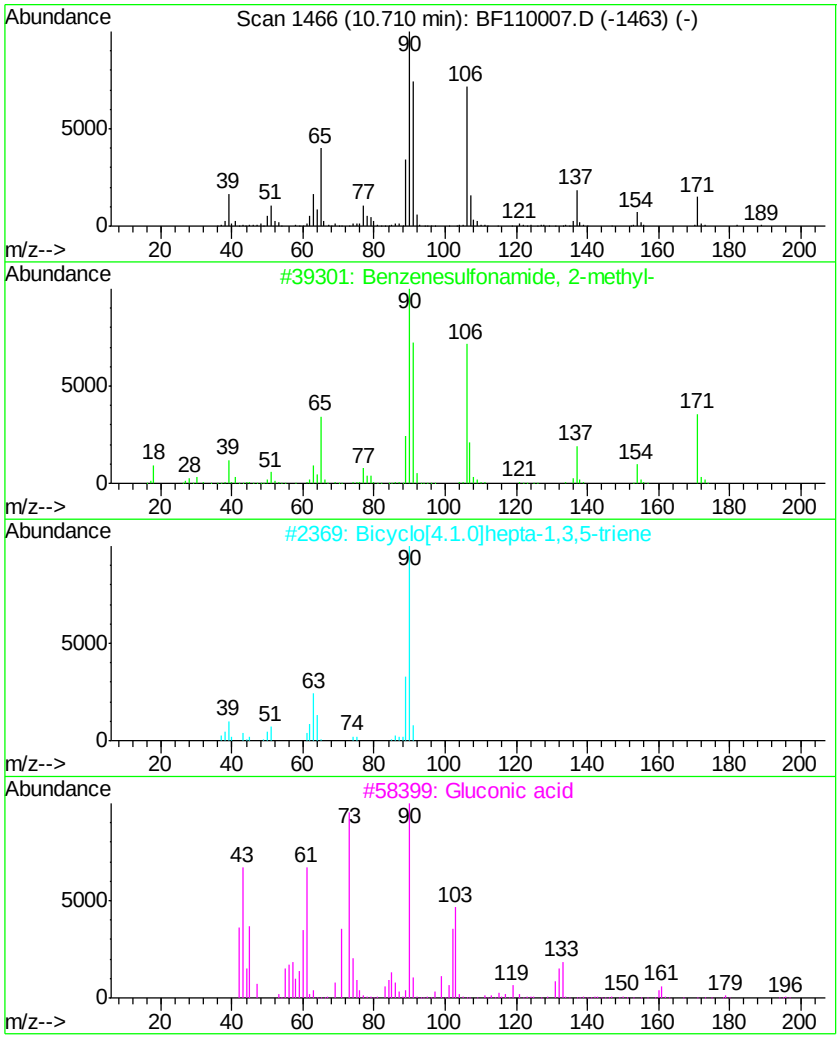
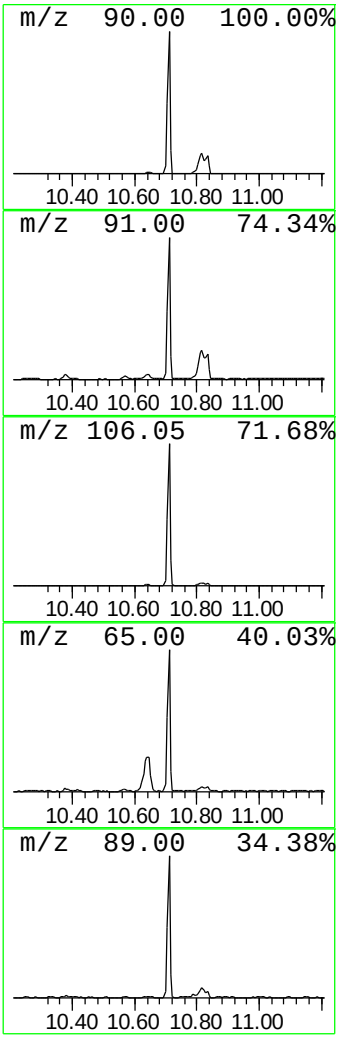
Peak Number 9 Benzenesulfonamide, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	6.29 ng	587604	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, 2-methyl-	171	C7H9NO2S	000088-19-7	96
2	Bicyclo[4.1.0]hepta-1,3,5-triene	90	C7H6	004646-69-9	46
3	Gluconic acid	196	C6H12O7	000526-95-4	38
4	4-(2-Aminoethyl)benzenesulfonamide	200	C8H12N2O2S	035303-76-5	38
5	Benzene, 1-methyl-3-nitro-	137	C7H7NO2	000099-08-1	25





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Instrument : BNA_F
ClientSampleId : TKABCD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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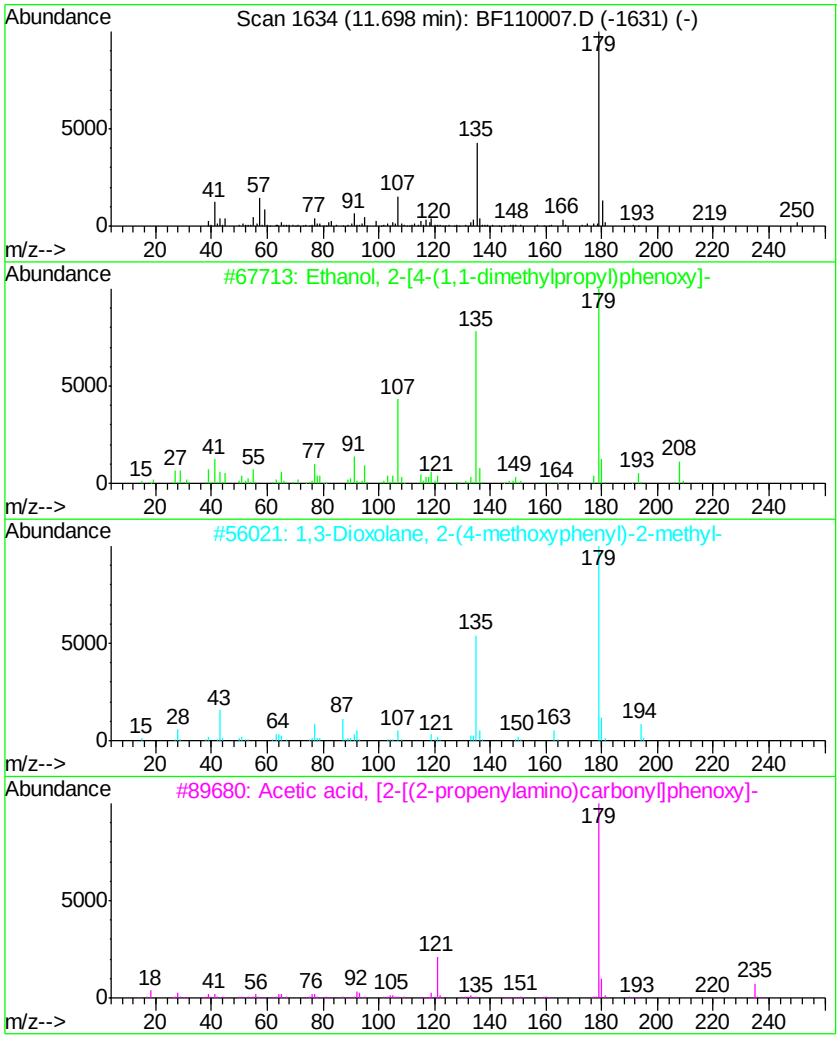
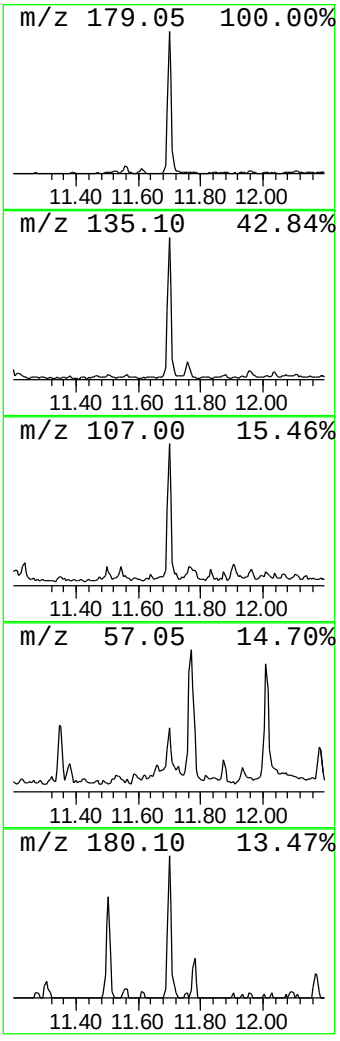
Peak Number 10 Ethanol, 2-[4-(1,1-dimethyl... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	3.80 ng	344762	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[4-(1,1-dimethylpropy...	208	C13H20O2	006382-07-6	64
2	1,3-Dioxolane, 2-(4-methoxypheny...	194	C11H14O3	036881-00-2	56
3	Acetic acid, [2-[(2-propenylamin...	235	C12H13NO4	000119-45-9	43
4	Ethanol, 2-[4-(1,1-dimethylethyl...	194	C12H18O2	000713-46-2	40
5	2-(4-Formyl-phenoxy)-acetamide	179	C9H9NO3	135857-20-4	39





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
Data File : BF110007.D
Acq On : 19 Oct 2018 17:21
Operator : JU/SJ
Sample : J5538-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TKABCD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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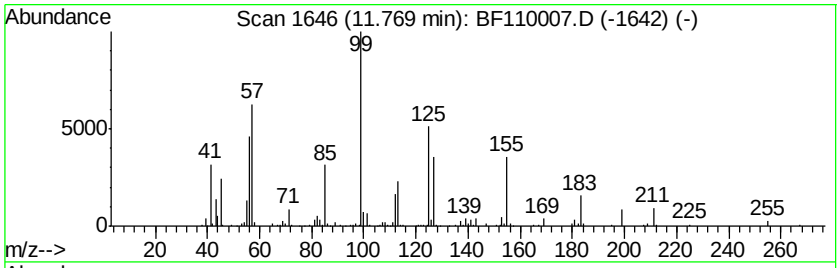
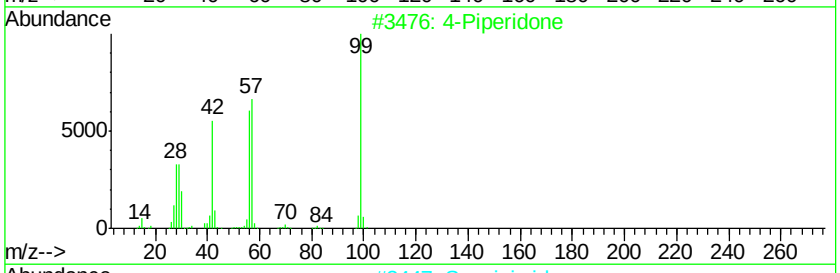
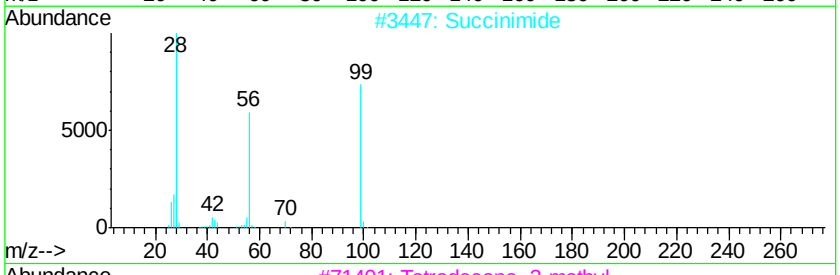
Peak Number 11 unknown11.77 Concentration Rank 15

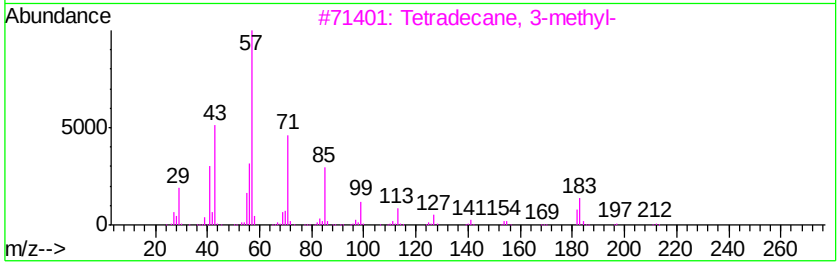
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	4.56 ng	413781	Phenanthrene-d10	11.50

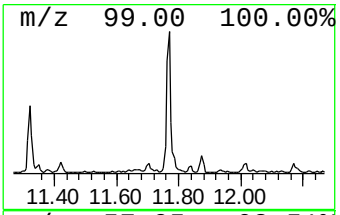
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Piperidone	99	C5H9NO	041661-47-6	25
2	Succinimide	99	C4H5NO2	000123-56-8	25
3	Tetradecane, 3-methyl-	212	C15H32	018435-22-8	22
4	Pyrrol-2(5H)-one, 4-acetyl-5-(2-...	363	C18H22ClN3O3	302566-40-1	17
5	Tributyl phosphate	266	C12H27O4P	000126-73-8	17

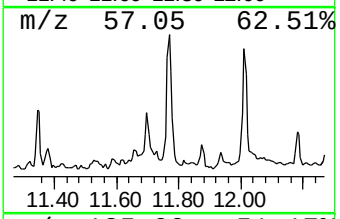


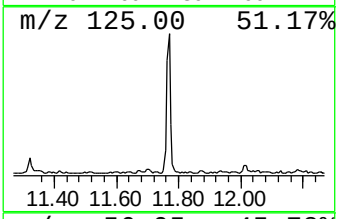


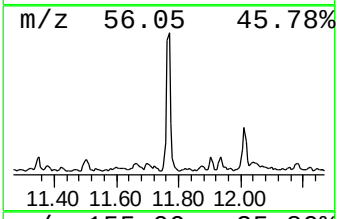


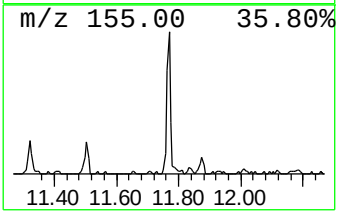












Library Search Compound Report

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Acq On : 19 Oct 2018 17:21
Operator : JU/SJ
Sample : J5538-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TKABCD

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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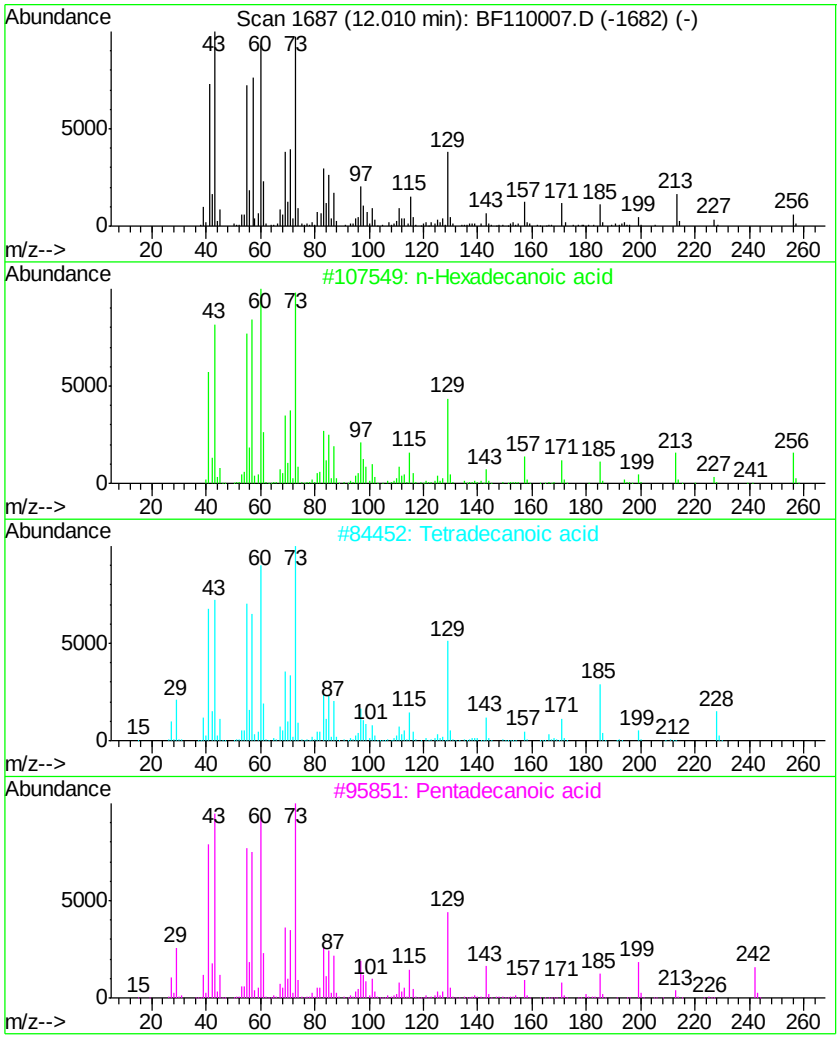
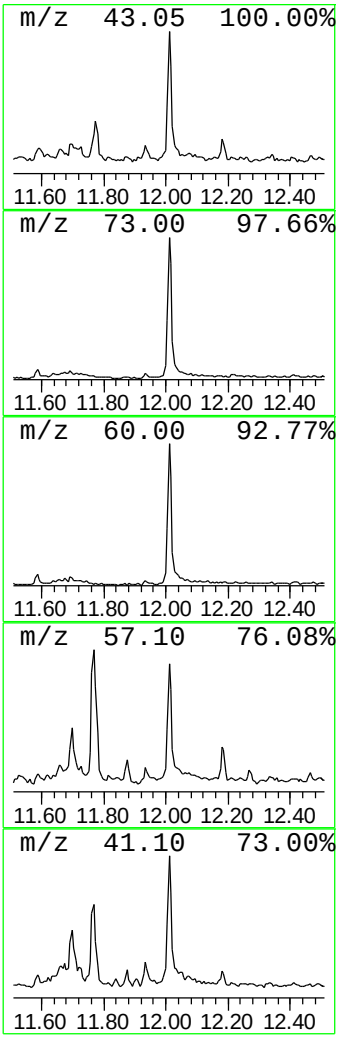
Peak Number 12 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	5.60 ng	508812	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	87
5	Dodecanoic acid	200	C12H24O2	000143-07-7	80





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

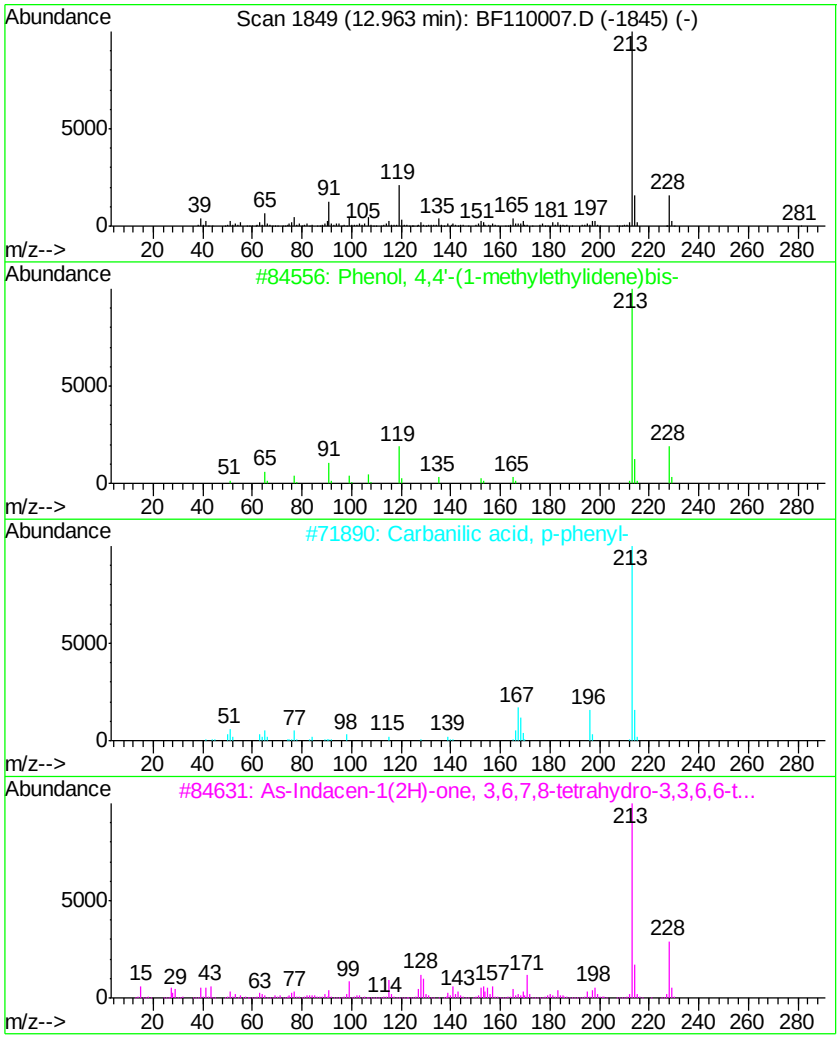
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

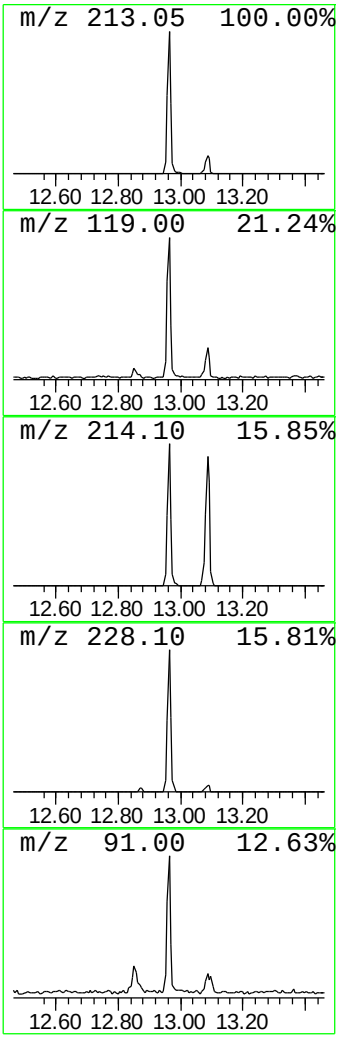
****

Peak Number 13 Phenol, 4,4'-(1-methylethyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	6.74 ng	427663	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	97
2	Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	47
3	As-Indacen-1(2H)-one, 3,6,7,8-te...	228	C16H20O	055591-18-9	43
4	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	42
5	Acridine, 9-chloro-	213	C13H8ClN	001207-69-8	40





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Misc :
ALS Vial : 12 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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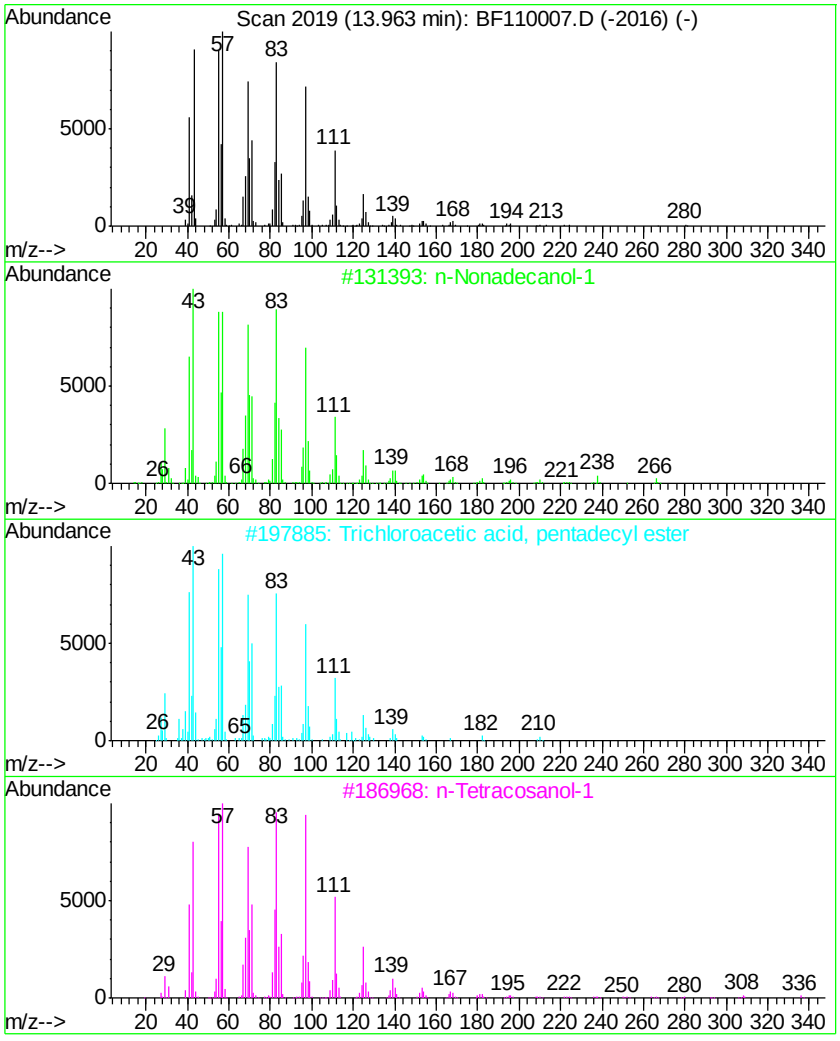
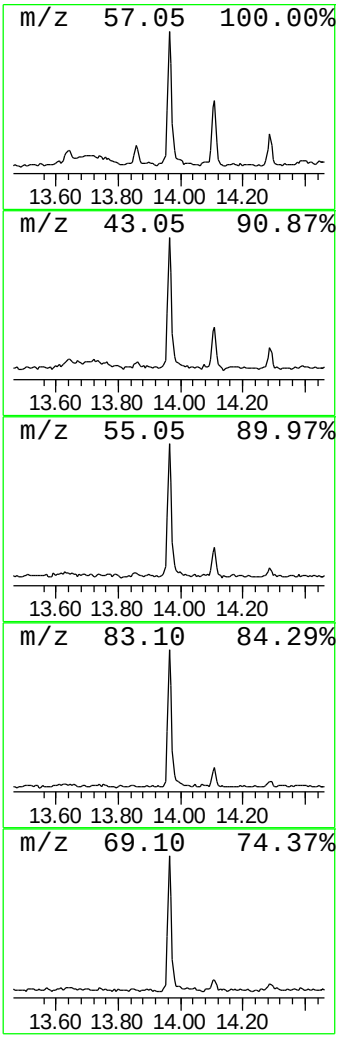
Peak Number 14 n-Nonadecanol-1 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	8.22 ng	521549	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93





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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TKABCD

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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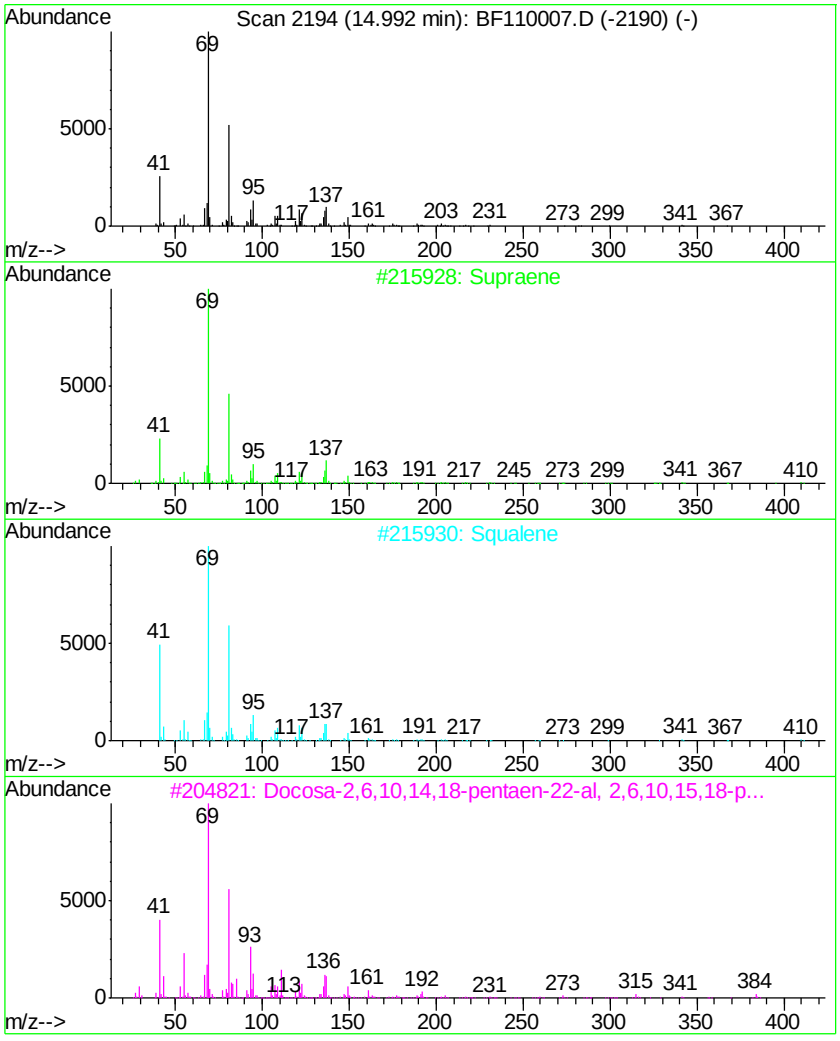
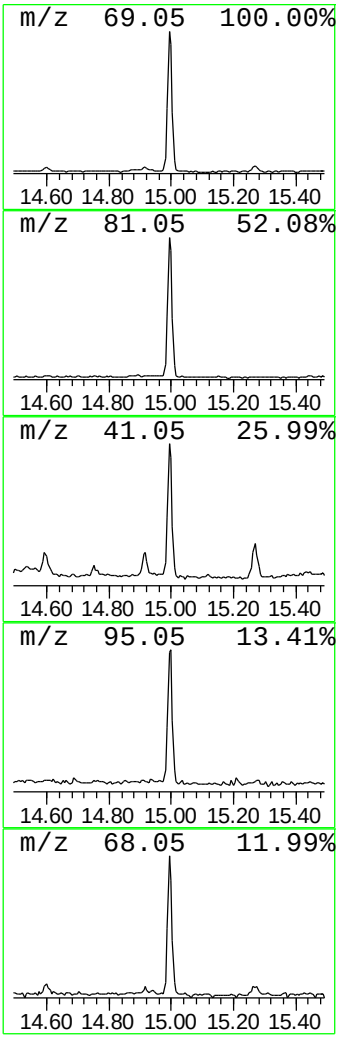
Peak Number 15 Supraene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	8.62 ng	590952	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	Squalene	410	C30H50	000111-02-4	91
3	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	90
4	2,6,10-Dodecatrien-1-ol, 3,7,11-...	264	C17H28O2	004128-17-0	72
5	(.+/-.)-Lavandulol, pentafluorop...	300	C13H17F5O2	1000352-63-1	64





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ALS Vial : 12 Sample Multiplier: 1

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

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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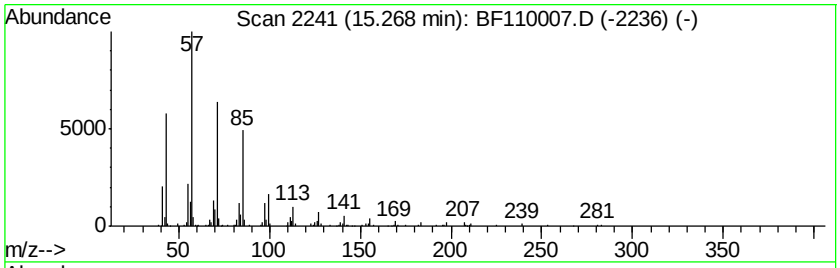
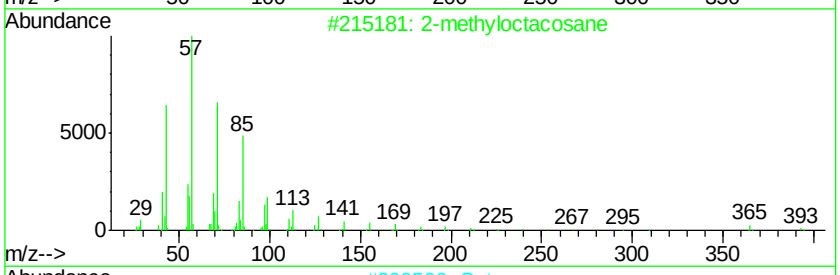
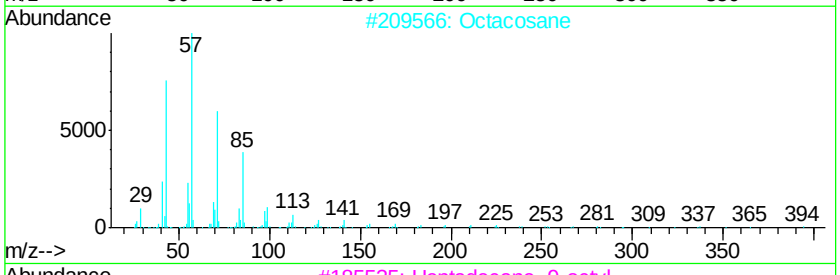
Peak Number 16 2-methyloctacosane Concentration Rank 16

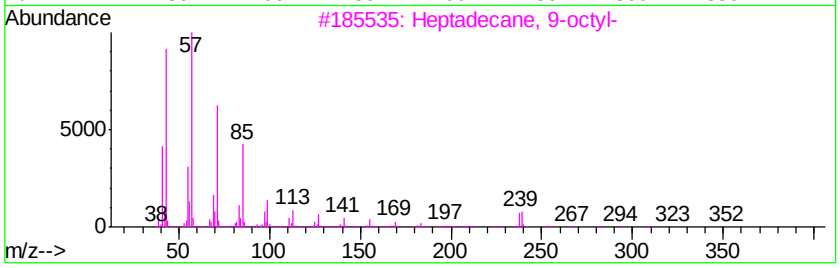
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	4.54 ng	311390	Perylene-d12	15.67

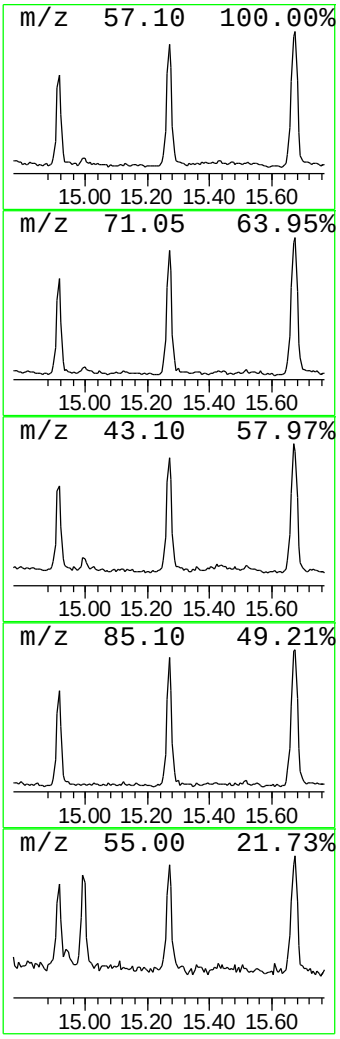
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Eicosane	282	C20H42	000112-95-8	91
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91











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Sample : J5538-02
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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\NIST11.L
TIC Integration Parameters: LSCINT.P

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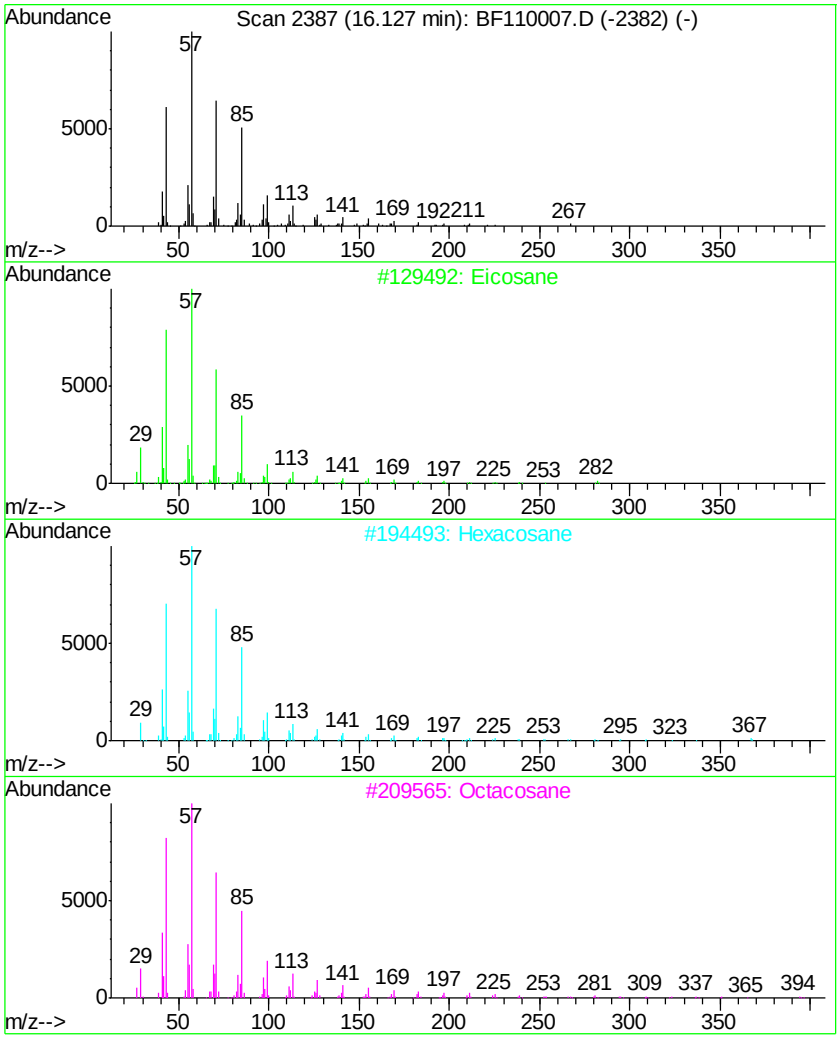
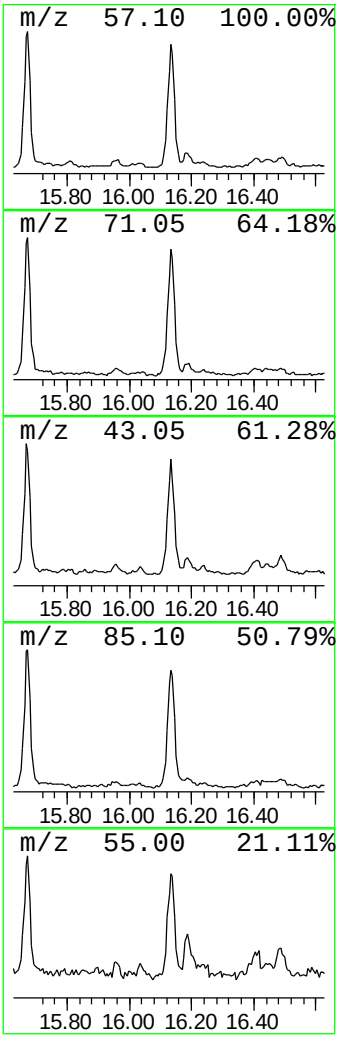
Peak Number 17 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	5.87 ng	402455	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Hexacosane	366	C26H54	000630-01-3	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Tetratetracontane	619	C44H90	007098-22-8	90





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Acq On : 19 Oct 2018 17:21
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Sample : J5538-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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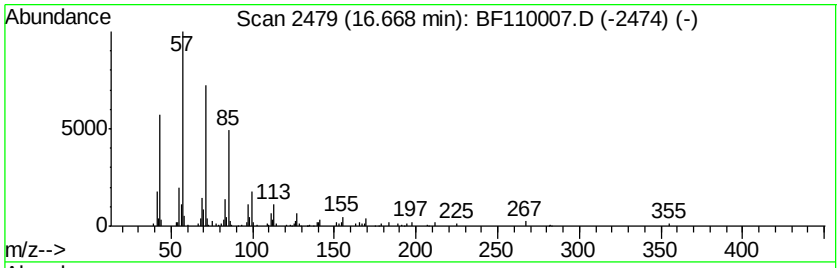
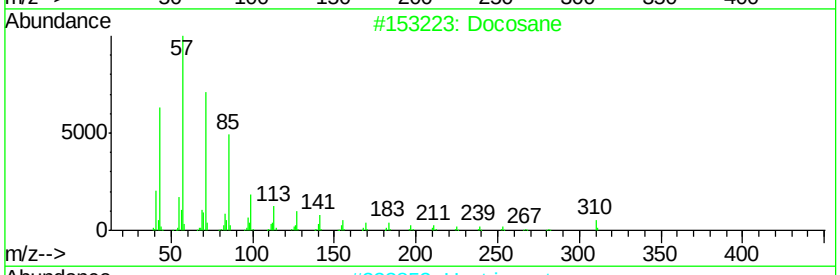
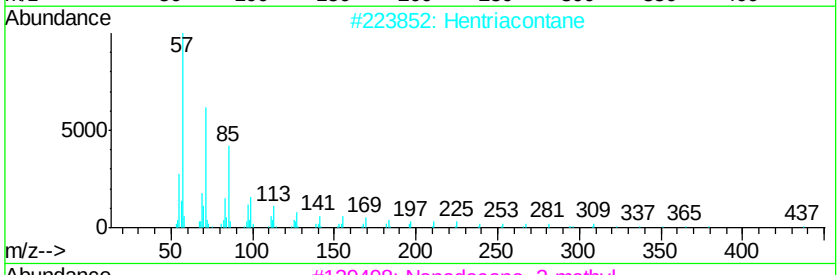
Peak Number 18 Docosane Concentration Rank 19

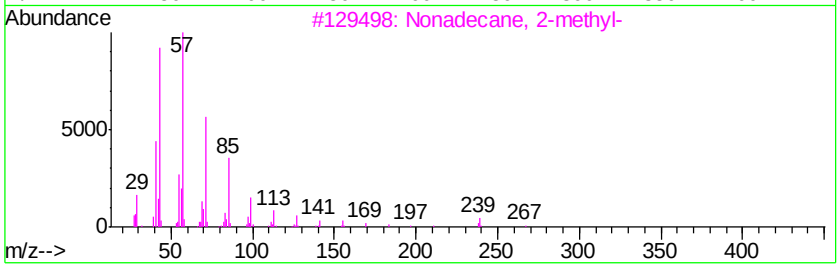
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.67	3.67 ng	251453	Perylene-d12	15.67

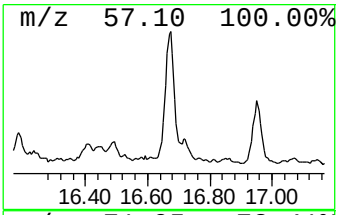
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	91
2	Hentriacontane	437	C31H64	000630-04-6	91
3	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	90
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
5	Heneicosane	296	C21H44	000629-94-7	87

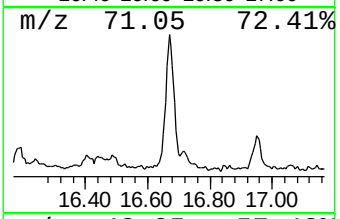


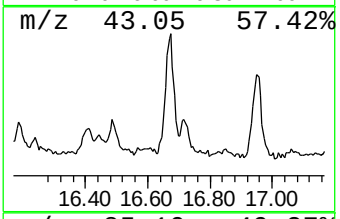


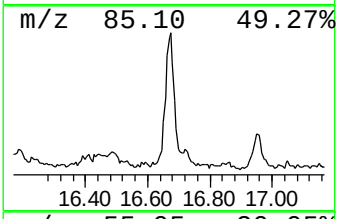


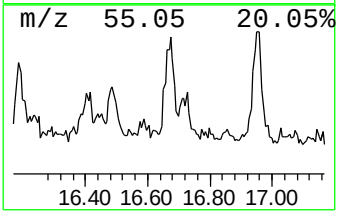












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Sample : J5538-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TKABCD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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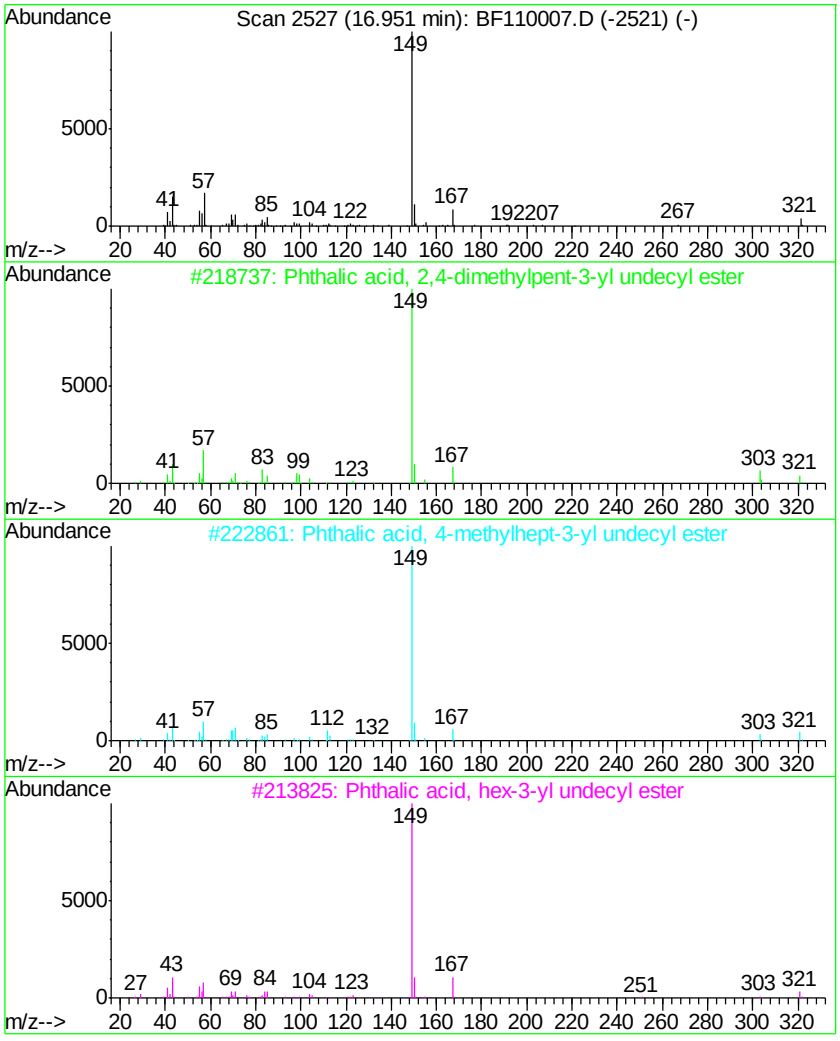
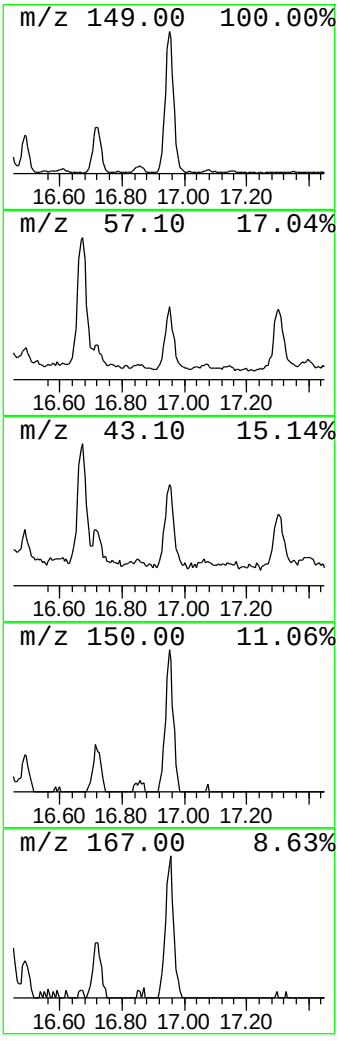
Peak Number 19 Phthalic acid, 2,4-dimethyl... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.95	5.44 ng	373084	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 2,4-dimethylpent-...	418	C26H42O4	1000356-85-0	90
2	Phthalic acid, 4-methylhept-3-yl...	432	C27H44O4	1000377-94-6	86
3	Phthalic acid, hex-3-yl undecyl ...	404	C25H40O4	1000356-96-2	86
4	Phthalic acid, decyl 2,4-dimethy...	404	C25H40O4	1000356-84-9	78
5	Phthalic acid, butyl tetradecyl ...	418	C26H42O4	1000308-91-3	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
Data File : BF110007.D
Acq On : 19 Oct 2018 17:21
Operator : JU/SJ
Sample : J5538-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TKABCD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

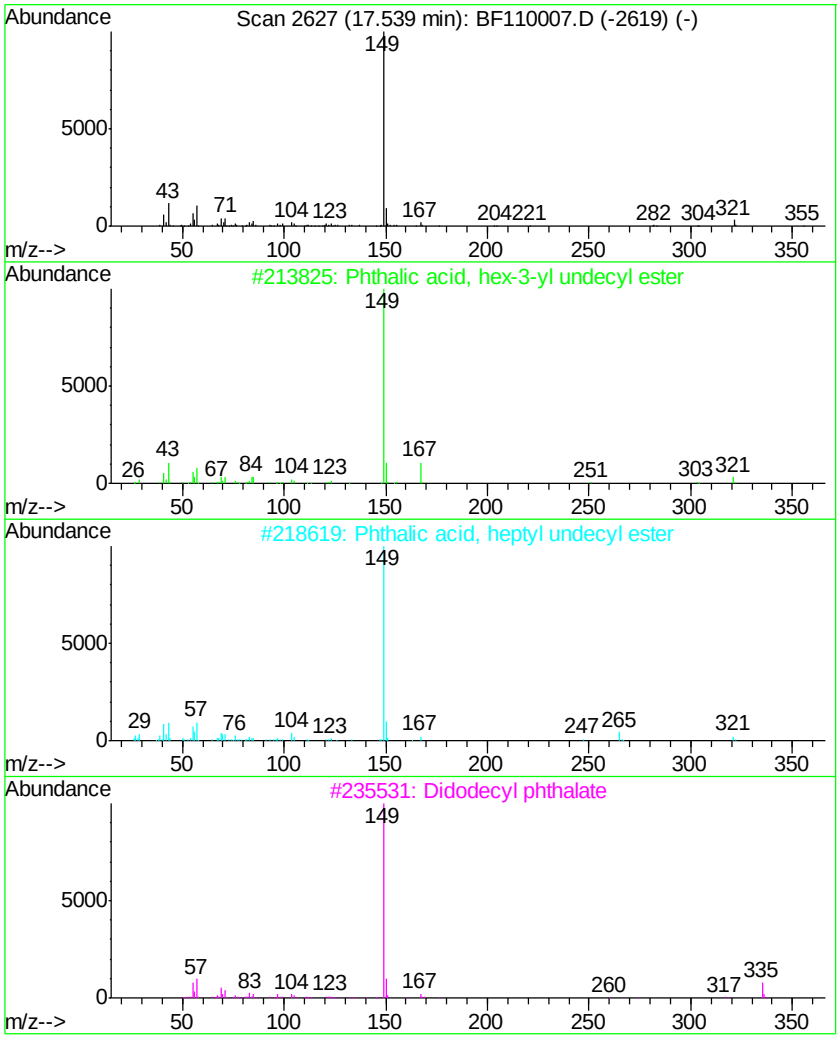
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

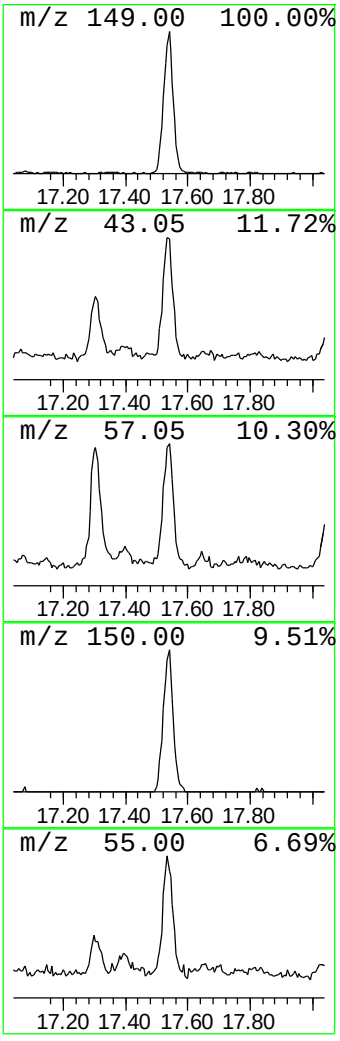
****

Peak Number 20 Phthalic acid, hex-3-yl und... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.54	7.78 ng	533194	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, hex-3-yl undecyl ...	404	C25H40O4	1000356-96-2	87
2	Phthalic acid, heptyl undecyl ester	418	C26H42O4	1000308-94-0	86
3	Didodecyl phthalate	502	C32H54O4	002432-90-8	83
4	Phthalic acid, dodecyl hex-3-yl ...	418	C26H42O4	1000356-96-3	80
5	Phthalic acid, dodecyl hept-4-yl...	432	C27H44O4	1000356-79-3	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
Data File : BF110007.D
Acq On : 19 Oct 2018 17:21
Operator : JU/SJ
Sample : J5538-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TKABCD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclohexane	2.14	28.8	ng	1924420	1	6.97	1336210	20.0
Butane, 2-methoxy...	2.35	53.2	ng	3555160	1	6.97	1336210	20.0
1,3,5,7-Cycloocta...	5.82	18.4	ng	1229520	1	6.97	1336210	20.0
unknown6.74	6.74	70.3	ng	4693590	1	6.97	1336210	20.0
Tributyl phosphate	10.64	138.9	ng	12968300	3	10.01	1867510	20.0
Benzenesulfonamid...	10.71	6.3	ng	587604	3	10.01	1867510	20.0
Ethanol, 2-[4-(1,...	11.70	3.8	ng	344762	4	11.50	1816530	20.0
unknown11.77	11.77	4.6	ng	413781	4	11.50	1816530	20.0
n-Hexadecanoic acid	12.01	5.6	ng	508812	4	11.50	1816530	20.0
Phenol, 4,4'-(1-m...	12.96	6.7	ng	427663	5	14.15	1269090	20.0
n-Nonadecanol-1	13.96	8.2	ng	521549	5	14.15	1269090	20.0
Supraene	14.99	8.6	ng	590952	6	15.67	1370430	20.0
2-methyloctacosane	15.27	4.5	ng	311390	6	15.67	1370430	20.0
Eicosane	16.13	5.9	ng	402455	6	15.67	1370430	20.0
Docosane	16.67	3.7	ng	251453	6	15.67	1370430	20.0
Phthalic acid, 2,...	16.95	5.4	ng	373084	6	15.67	1370430	20.0
Phthalic acid, he...	17.54	7.8	ng	533194	6	15.67	1370430	20.0