LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070522\
Data File : BF129120.D
Acq On : 05 Jul 2022 13:12
Operator : CG\JU
Sample : N3562-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-9B

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-BF062922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF129120.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.198	492	495	502	rVB	92914	109118	1.56%	0.197%
2	5.581	555	560	563	rBV	6026082	5399964	77.08%	9.758%
3	6.575	724	729	732	rBV	5349037	5407225	77.19%	9.771%
4	6.957	790	794	797	rBV	2447449	1997564	28.51%	3.610%
5	7.516	884	889	892	rBV	4019050	3659498	52.24%	6.613%
6	8.239	1008	1012	1015	rBV	3265054	2666746	38.07%	4.819%
7	9.316	1190	1195	1198	rBV	7677758	7005370	100.00%	12.659%
8	9.386	1203	1207	1210	rVB	203379	204082	2.91%	0.369%
9	9.704	1257	1261	1263	rBV	188185	159535	2.28%	0.288%
10	9.916	1293	1297	1300	rBV	400824	316278	4.51%	0.572%
11	9.998	1307	1311	1314	rBV	3660793	2931656	41.85%	5.298%
12	10.233	1348	1351	1355	rBV2	107798	114831	1.64%	0.208%
13	10.304	1360	1363	1368	rBV	50506	75676	1.08%	0.137%
14	10.416	1376	1382	1385	rBV	662155	528535	7.54%	0.955%
15	10.633	1414	1419	1422	rBV	347562	373774	5.34%	0.675%
16	10.786	1441	1445	1449	rBV	4535685	4017433	57.35%	7.260%
17	10.892	1459	1463	1468	rBV2	752388	1143049	16.32%	2.066%
18	11.339	1536	1539	1542	rBV	622560	499629	7.13%	0.903%
19	11.369	1542	1544	1550	rVB	366385	343003	4.90%	0.620%
20	11.492	1561	1565	1567	rBV	3425616	2897197	41.36%	5.235%
21	11.516	1567	1569	1573	rVV	251794	231074	3.30%	0.418%
22	11.557	1573	1576	1580	rVB2	82814	90365	1.29%	0.163%
23	11.768	1609	1612	1615	rBV	446076	335536	4.79%	0.606%
24	11.868	1626	1629	1634	rVB	90617	80075	1.14%	0.145%
25	12.004	1648	1652	1655	rBV	490378	500801	7.15%	0.905%
26	12.174	1678	1681	1684	rVB	257650	188798	2.70%	0.341%
27	12.563	1745	1747	1752	rVB	126595	116097	1.66%	0.210%
28	12.710	1768	1772	1777	rBV	212363	212076	3.03%	0.383%
29	12.786	1782	1785	1792	rBV	177006	220324	3.15%	0.398%
30	12.939	1805	1811	1813	rBV	248016	247968	3.54%	0.448%
31	13.080	1830	1835	1838	rBV	6467482	5964176	85.14%	10.777%
32	13.292	1869	1871	1874	rBV	86228	80875	1.15%	0.146%
33	13.639	1926	1930	1933	rBV3	93590	104628	1.49%	0.189%
34	13.968	1983	1986	1987	rBV	95860	74351	1.06%	0.134%
35	14.004	1988	1992	2002	rVB6	100429	307153	4.38%	0.555%
36	14.139	2011	2015	2018	rBV	2389951	2106053	30.06%	3.806%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070522\
Data File : BF129120.D
Acq On : 05 Jul 2022 13:12
Operator : CG\JU
Sample : N3562-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-9B

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-BF062922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.233	2026	2031	2037	rBV	1786235	1701674	24.29%	3.075%
38	14.286	2037	2040	2043	rVB	98430	99524	1.42%	0.180%
39	14.592	2089	2092	2095	rBV	117324	102380	1.46%	0.185%
40	14.909	2144	2146	2151	rVB	99846	109331	1.56%	0.198%
41	15.268	2204	2207	2213	rVB	111156	121636	1.74%	0.220%
42	15.592	2260	2262	2269	rVB	64334	73281	1.05%	0.132%
43	15.662	2269	2274	2284	rVB2	1797419	2421606	34.57%	4.376%

Sum of corrected areas: 55339945

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070522\
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Operator : CG\JU
Sample : N3562-06
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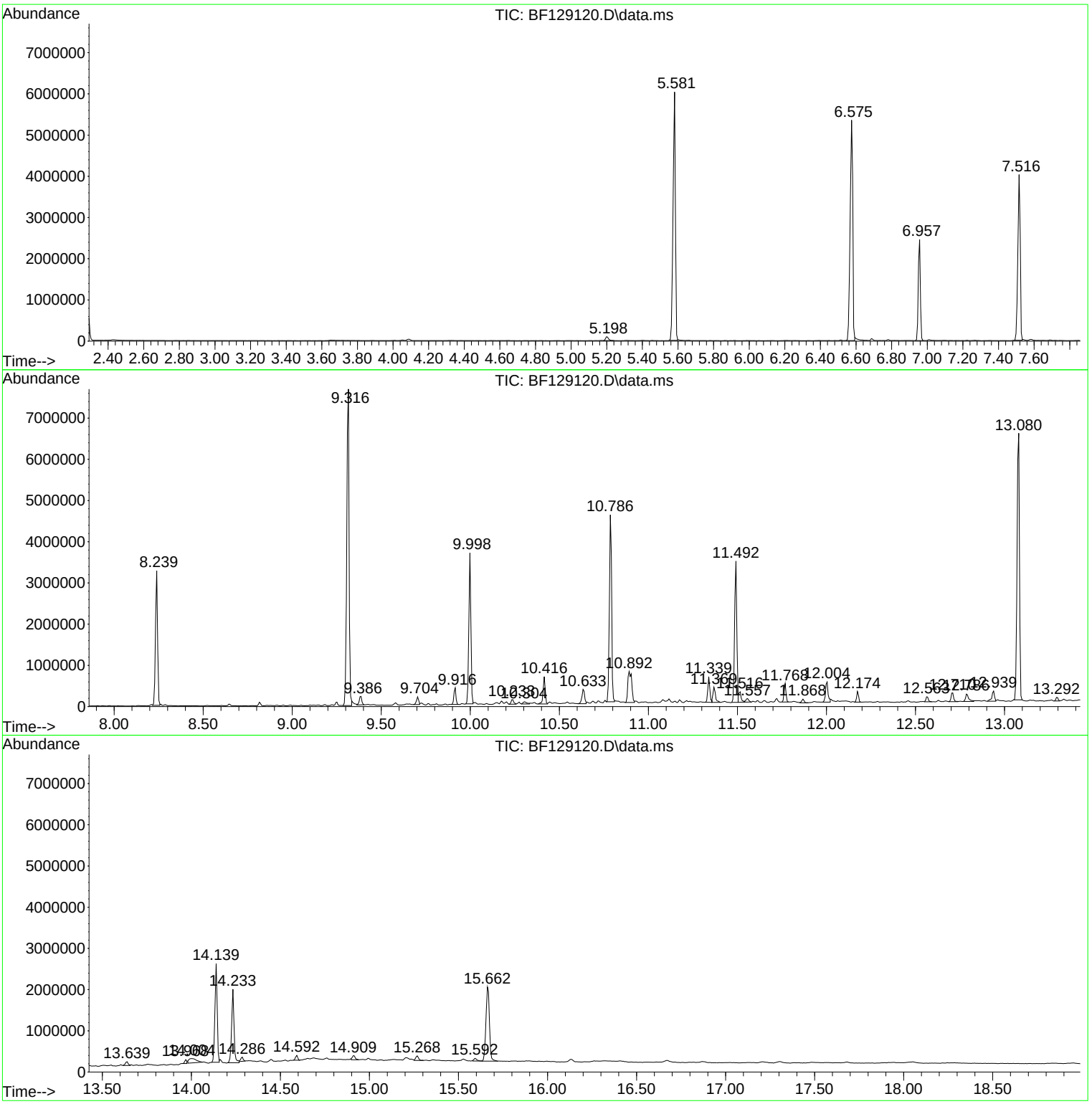
Instrument :
BNA_F
ClientSampleId :
SB-9B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.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\BF070522\
Data File : BF129120.D
Acq On : 05 Jul 2022 13:12
Operator : CG\JU
Sample : N3562-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-9B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.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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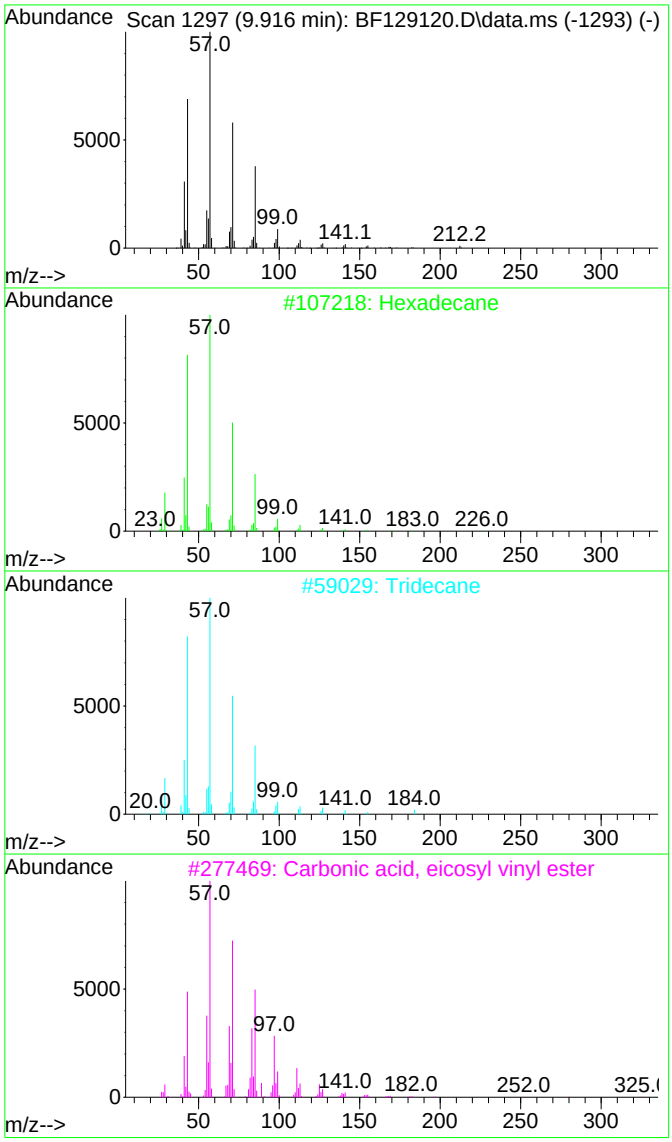
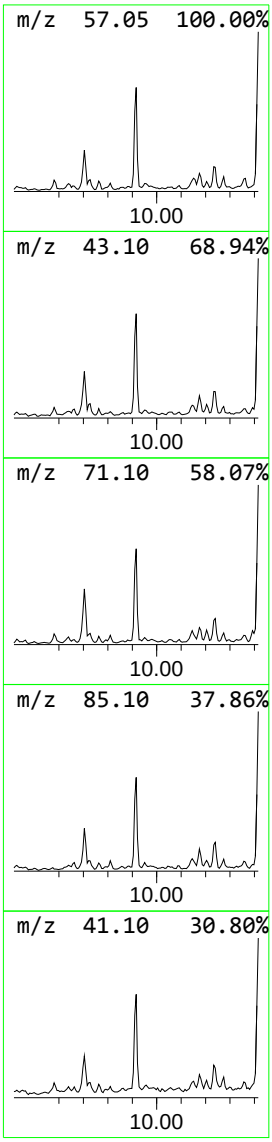
Peak Number 1 Tridecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.916	2.16 ng	316278	Acenaphthene-d10	9.998

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tridecane	184	C13H28	000629-50-5	90
3	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	64
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070522\
Data File : BF129120.D
Acq On : 05 Jul 2022 13:12
Operator : CG\JU
Sample : N3562-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-9B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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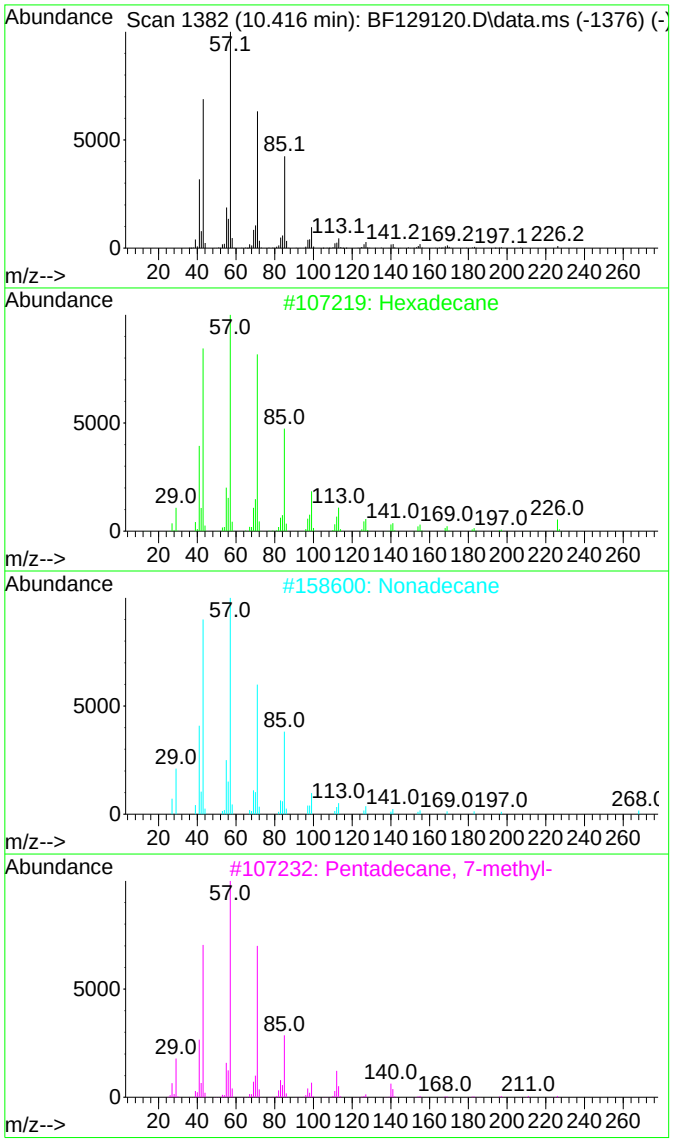
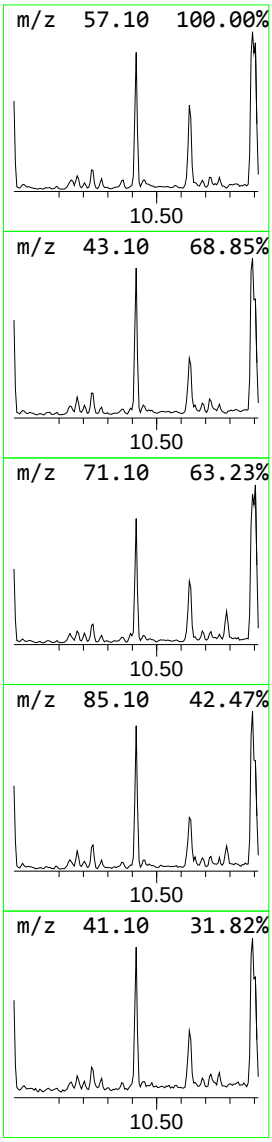
Peak Number 2 Hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.416	3.61 ng	528535	Acenaphthene-d10	9.998

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Nonadecane	268	C19H40	000629-92-5	91
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	83
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070522\
Data File : BF129120.D
Acq On : 05 Jul 2022 13:12
Operator : CG\JU
Sample : N3562-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-9B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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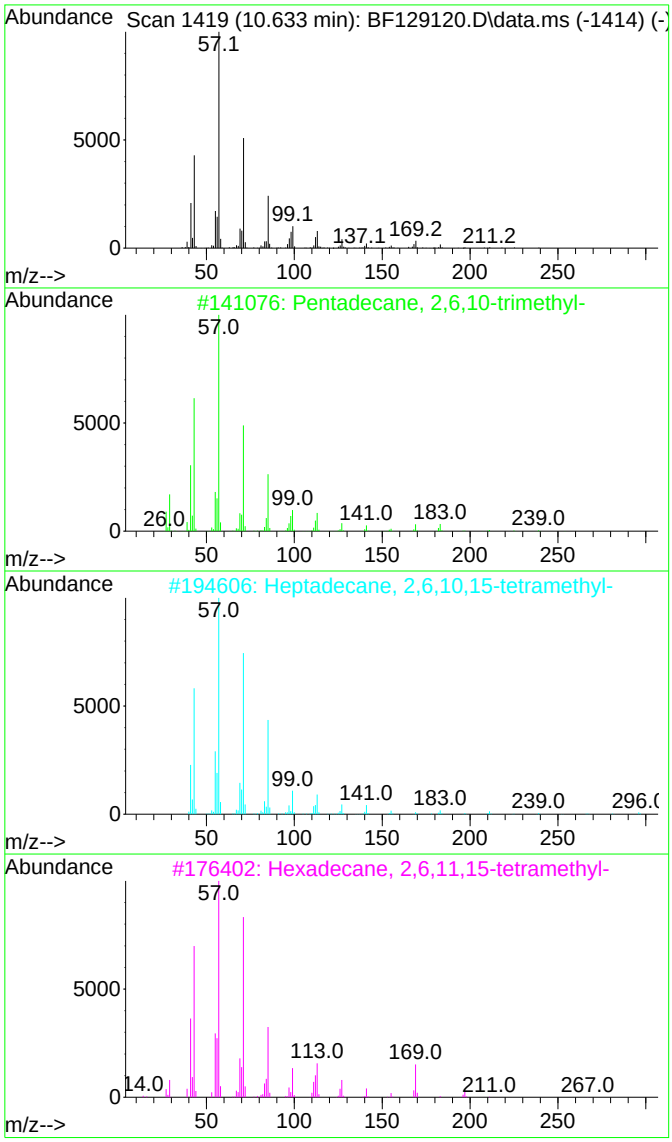
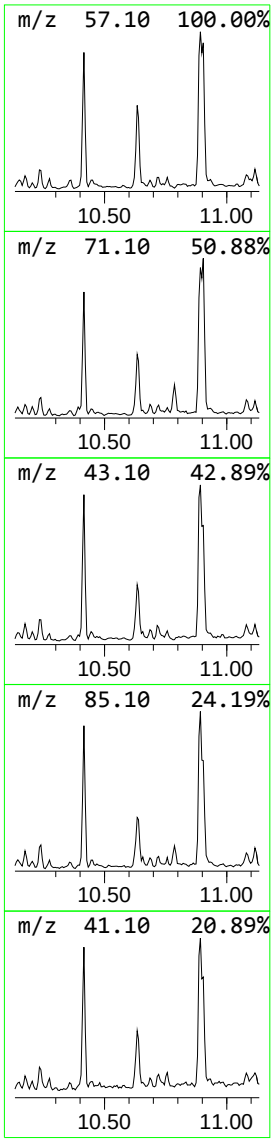
Peak Number 3 Pentadecane, 2,6,10-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.633	2.55 ng	373774	Acenaphthene-d10	9.998

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
3	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	80
4	Tetracosane	338	C24H50	000646-31-1	80
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070522\
Data File : BF129120.D
Acq On : 05 Jul 2022 13:12
Operator : CG\JU
Sample : N3562-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-9B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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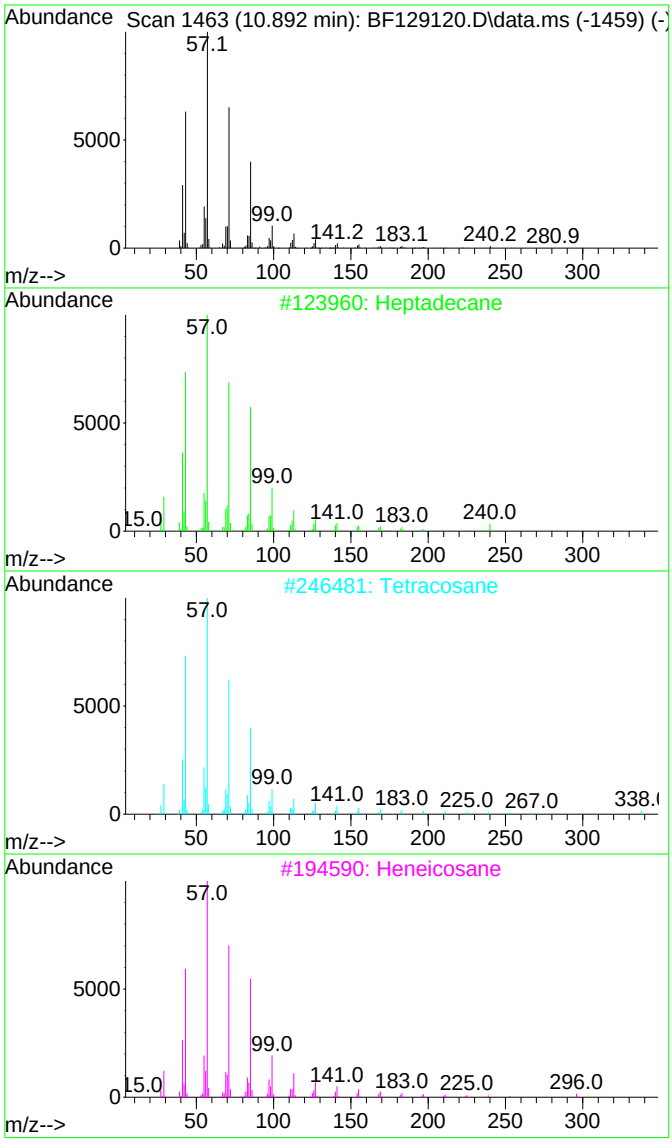
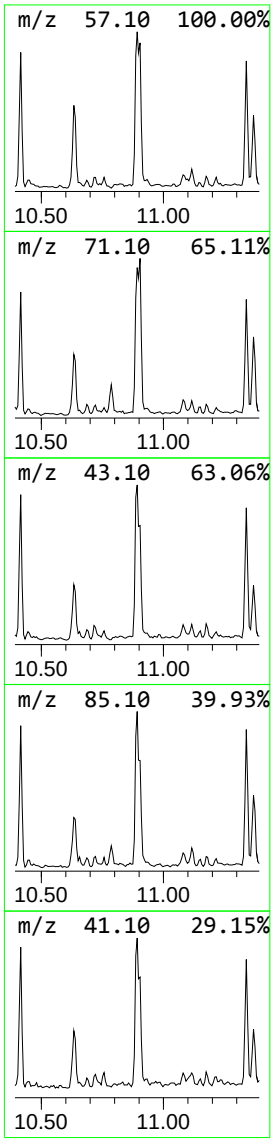
Peak Number 4 Heptadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.892	7.89 ng	1143050	Phenanthrene-d10	11.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Eicosane	282	C20H42	000112-95-8	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070522\
Data File : BF129120.D
Acq On : 05 Jul 2022 13:12
Operator : CG\JU
Sample : N3562-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-9B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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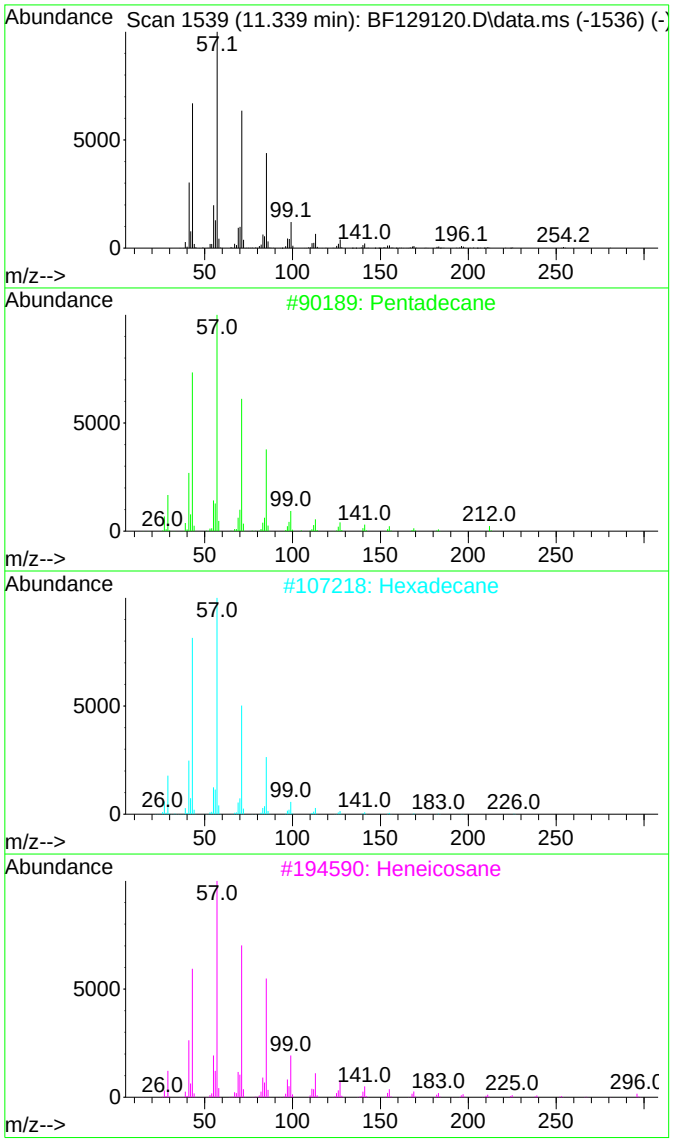
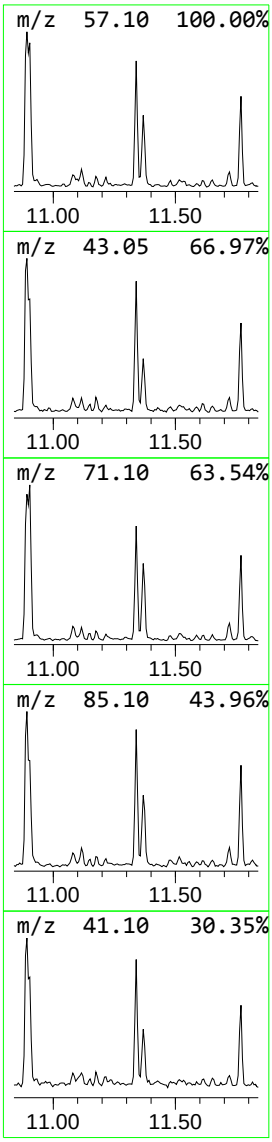
Peak Number 5 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.339	3.45 ng	499629	Phenanthrene-d10	11.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070522\
Data File : BF129120.D
Acq On : 05 Jul 2022 13:12
Operator : CG\JU
Sample : N3562-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-9B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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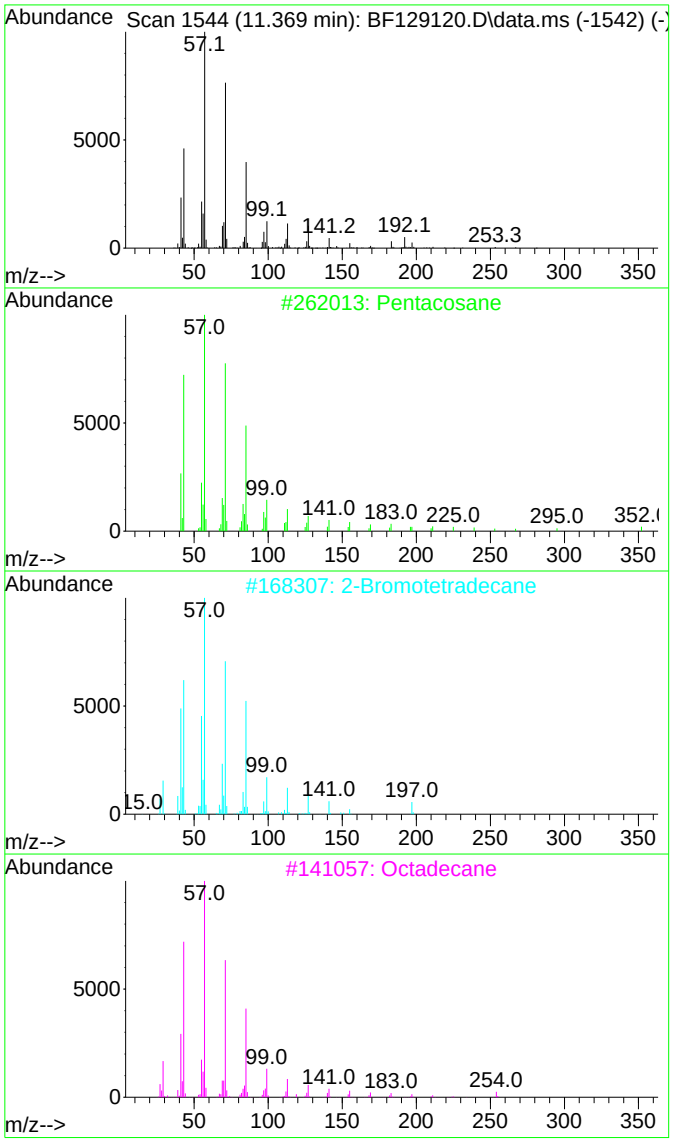
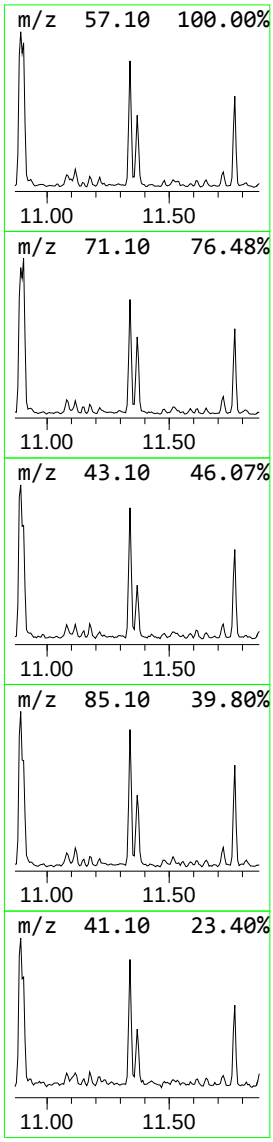
Peak Number 6 Pentacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.368	2.37 ng	343003	Phenanthrene-d10	11.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	90
2	2-Bromotetradecane	276	C14H29Br	074036-95-6	87
3	Octadecane	254	C18H38	000593-45-3	86
4	Tridecane	184	C13H28	000629-50-5	86
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070522\
Data File : BF129120.D
Acq On : 05 Jul 2022 13:12
Operator : CG\JU
Sample : N3562-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-9B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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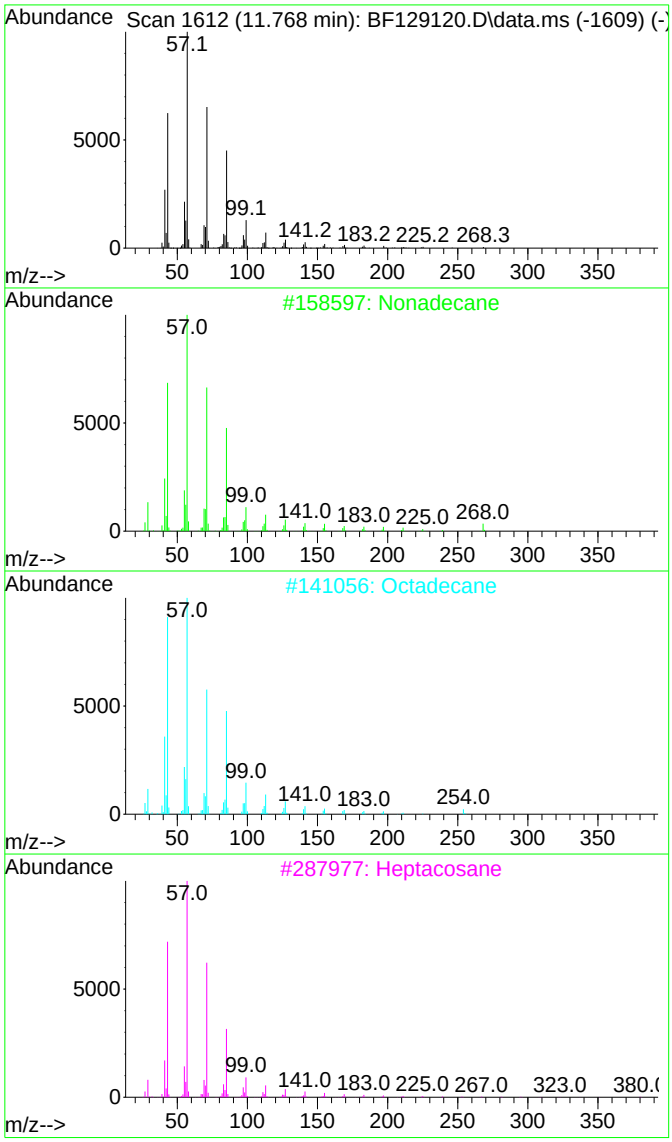
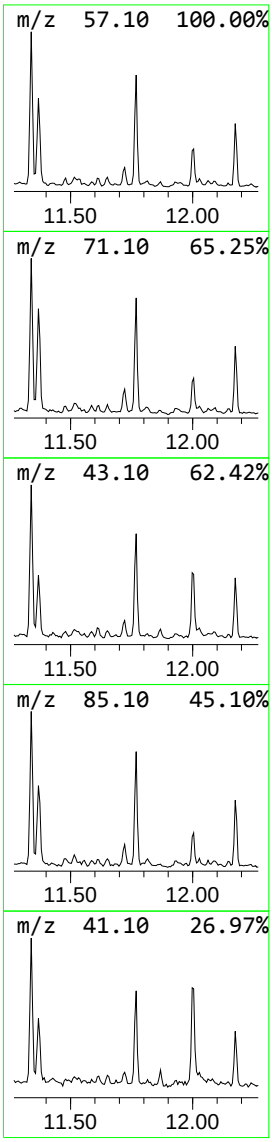
Peak Number 7 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.769	2.32 ng	335536	Phenanthrene-d10	11.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Octadecane	254	C18H38	000593-45-3	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Hexadecane	226	C16H34	000544-76-3	90
5	Heneicosane	296	C21H44	000629-94-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070522\
Data File : BF129120.D
Acq On : 05 Jul 2022 13:12
Operator : CG\JU
Sample : N3562-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-9B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.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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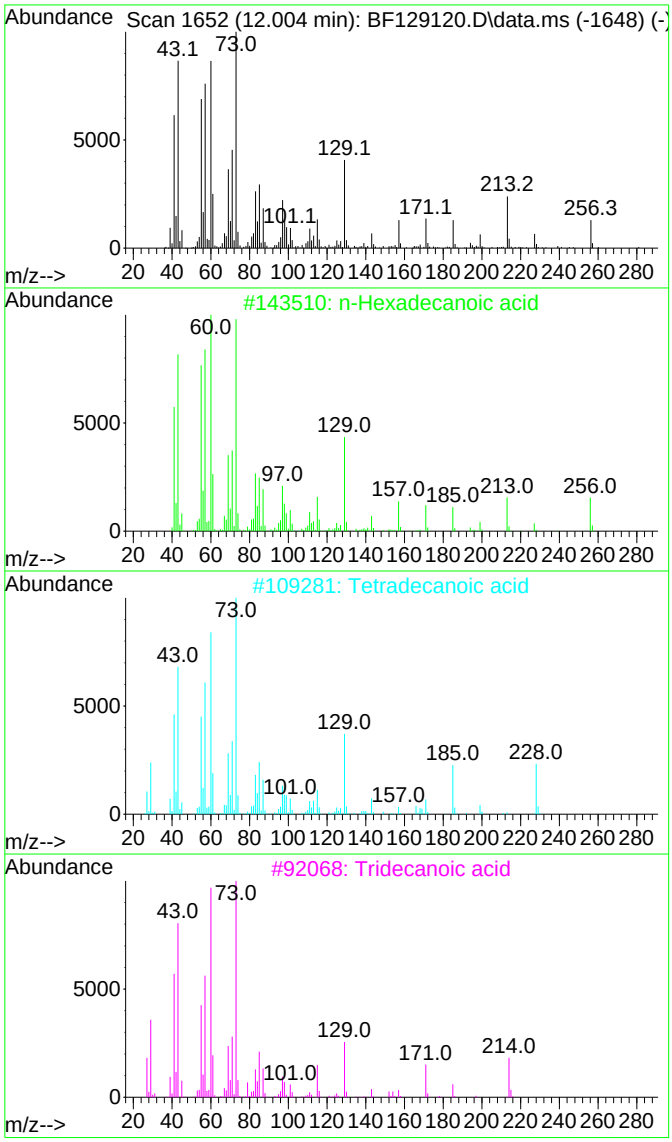
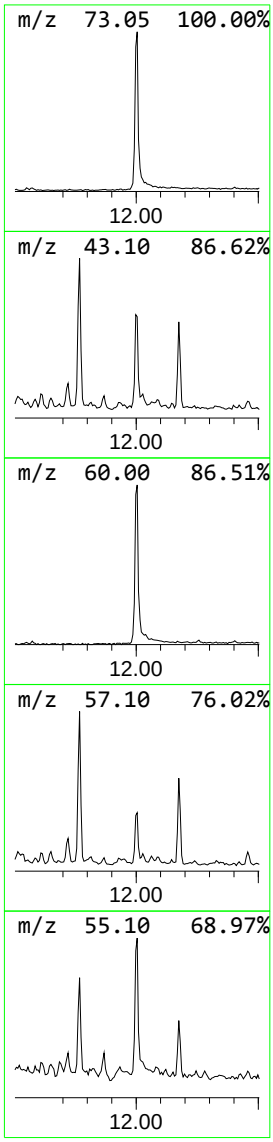
Peak Number 8 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	3.46 ng	500801	Phenanthrene-d10	11.492

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	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070522\
Data File : BF129120.D
Acq On : 05 Jul 2022 13:12
Operator : CG\JU
Sample : N3562-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-9B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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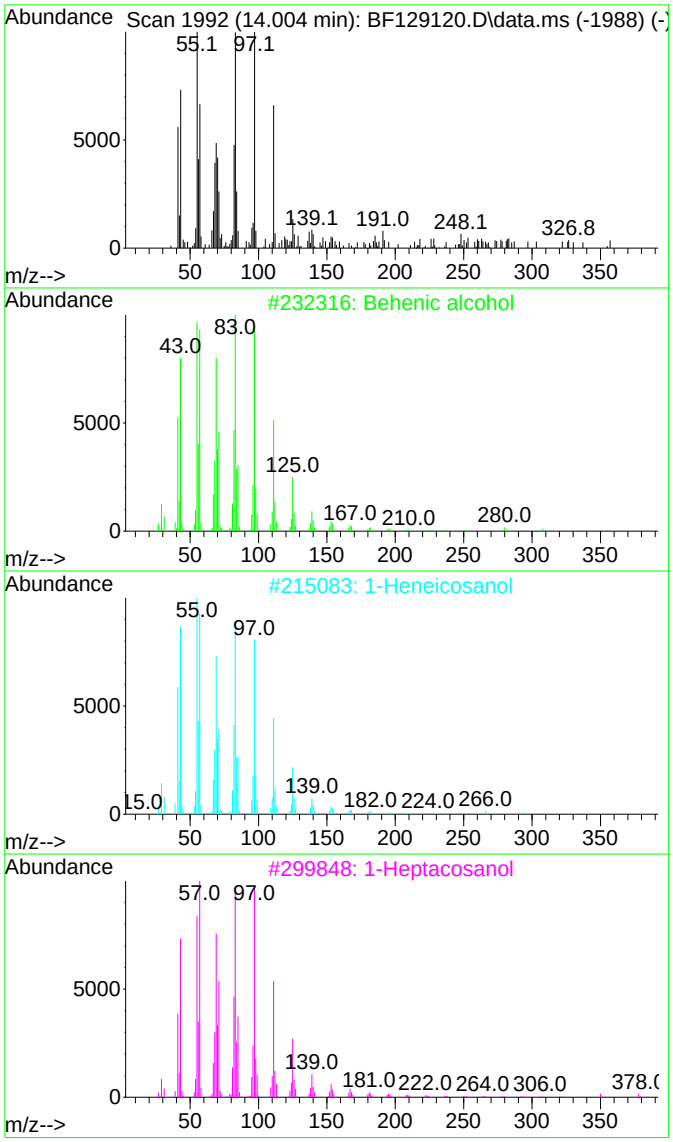
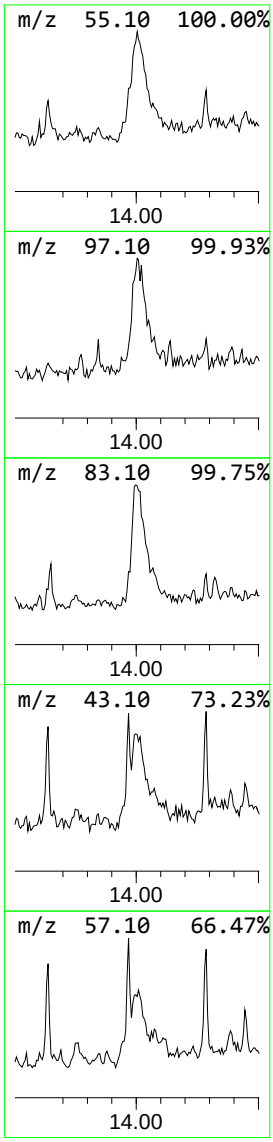
Peak Number 10 Behenic alcohol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.004	2.92 ng	307153	Chrysene-d12	14.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	91
2	1-Heneicosanol	312	C21H44O	015594-90-8	91
3	1-Heptacosanol	396	C27H56O	002004-39-9	90
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	90
5	Cycloheptane, methyl-	112	C8H16	004126-78-7	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070522\
Data File : BF129120.D
Acq On : 05 Jul 2022 13:12
Operator : CG\JU
Sample : N3562-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-9B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

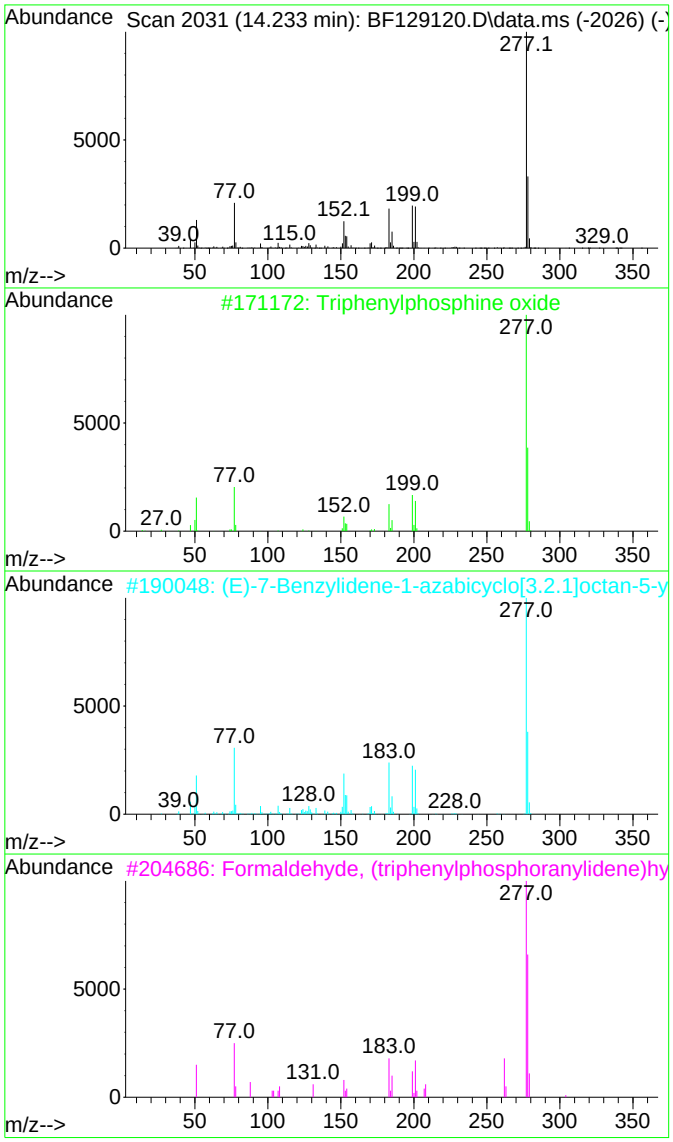
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

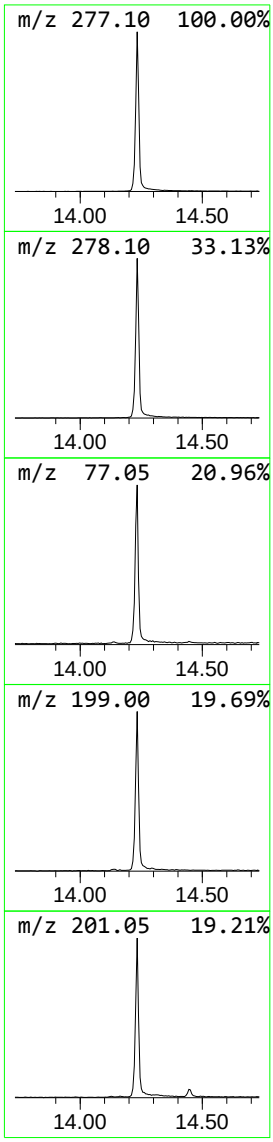
****

Peak Number 11 Triphenylphosphine oxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.233	16.16 ng	1701670	Chrysene-d12	14.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	96
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	91
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	64
4	Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	25
5	4-Nitro-4'-methyldiphenylsulfone	277	C13H11NO4S	004094-37-5	12





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070522\
Data File : BF129120.D
Acq On : 05 Jul 2022 13:12
Operator : CG\JU
Sample : N3562-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-9B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Tridecane	9.916	2.2	ng	316278	3	9.998	2931660	20.0
Hexadecane	10.416	3.6	ng	528535	3	9.998	2931660	20.0
Pentadecane, 2,...	10.633	2.5	ng	373774	3	9.998	2931660	20.0
Heptadecane	10.892	7.9	ng	1143050	4	11.492	2897200	20.0
Pentadecane	11.339	3.5	ng	499629	4	11.492	2897200	20.0
Pentacosane	11.368	2.4	ng	343003	4	11.492	2897200	20.0
Nonadecane	11.769	2.3	ng	335536	4	11.492	2897200	20.0
n-Hexadecanoic ...	12.004	3.5	ng	500801	4	11.492	2897200	20.0
Behenic alcohol	14.004	2.9	ng	307153	5	14.139	2106050	20.0
Triphenylphosph...	14.233	16.2	ng	1701670	5	14.139	2106050	20.0